



SYNTHON Chemicals is a producer and distributor of research and fine chemicals for organic synthesis in semi-bulk quantities.

The company has special expertise in the following fields:

- Liquid Crystals and Liquid Crystal Intermediates
- Intermediates for LC-Polymers
- Organic Semiconductors
- Products for Solar Cells
- Dyes
 - Sensitizers for Photography
 - IR-Sensitizers for Offset printing (CTP)
 - Fluorescent and Laser dyes
 - Dichroic Dyes
 - Emitters for OLED
 - Products for Biolabelling
- Reagents for Organic Synthesis
- Heterocycles
- Pharmaceutical Intermediates
- Custom Synthesis

With 1700 squaremeters of laboratories, warehouses and offices SYNTHON supplies the industry with organic intermediates and final products in quantities from a few grams up to several hundred kilograms.

A highly skilled team of chemists and technicians is able to develop multi-step procedures from laboratory to pilot plant scale.

All products are tested by modern analytical methods to meet highest quality standards.

Most of our products are kept in stock in semi-bulk quantities to offer you the service of just-in-time delivery.

GENERAL TERMS AND CONDITIONS OF BUSINESS

1. Placement of orders

1.1 In respect of the conclusion, performance and wind-up of contracts concluded with SYNTHON, the optional law shall be replaced exclusively by the conditions of sale, delivery and payment stipulated hereinafter. The said conditions shall be deemed accepted upon placement of orders and shall, therefore, be binding upon both parties. Divergent contractual conditions, if any, shall be valid only if approved of in writing by SYNTHON. The same shall apply to all agreements differing from SYNTHON's order confirmation.

1.2 Placing of orders shall be in writing. The written-form requirement shall also be deemed as having been complied with if the order is placed by telefacsimile or e-mail.

1.3 All offers of SYNTHON shall be subject to alteration, i.e. they shall be but an invitation to Customer to submit a contractual offer. The contract after Customer's placement of order in writing shall not be deemed concluded until after SYNTHON's confirmation of order.

2. Prices

Subject to agreements to the contrary the prices applicable at the time of the contract conclusion shall be deemed agreed. If an interval of more than 4 months is between the conclusion of contract and the term of delivery, SYNTHON's prices applicable at the time of delivery shall be authoritative.

3. Terms of delivery

3.1 Delivery shall be made in accordance with the terms of delivery as scheduled or otherwise as soon as possible under consideration of the prevailing conditions. If stipulated times of delivery are exceeded by no more than 30 days, Customer shall have no right to rescind the contract. The same applies if the time of delivery is exceeded by more than 30 days, if the delay is not SYNTHON's responsibility or if Buyer has not scheduled an adequate grace period for the delivery.

3.2 Deliveries shall be exclusive of costs of shipment according to SYNTHON's discretion unless it has been agreed otherwise with Customer. All deliveries shall be in packing customary in trade practice. If so desired, SYNTHON shall give advice of customary shipment units.

3.3 Subject to agreements to the contrary, shipment shall be at Customer's risk. Complaints, if any, for reasons of an incomplete delivery or externally visible damage to or loss of goods in transit shall be immediately communicated to SYNTHON. Shipments the external appearance of which allows the conclusion that the goods have suffered damage (in transit) shall be accepted under the reserve of compensation claims against the carrier, asserting the damage incurred.

3.4 SYNTHON shall not be liable for force majeure, consequences of strike, interruption of transport and other circumstances that SYNTHON has no power to control.

3.5 SYNTHON shall have the right to make the performance of contracts conditional on the provision of security, rescinding the contract in case inadequate security should be provided. SYNTHON shall be authorized to withhold services to be provided by it if and to the extent that Customer should be in breach of its contractual obligations.

4. Terms of payment

4.1 Unless agreed otherwise, all invoices of SYNTHON shall be due for payment within 30 days from the invoice date. In case of delayed payment

interest on arrears in the amount of 8 percent points above the basic rate of interest pursuant to Article 247 BGB shall be deemed as owed.

4.2 Payments shall not be deemed made until the amount is made available to SYNTHON unconditionally and not subject to defence.

5. Reservation of title

5.1 The goods supplied by SYNTHON, pending full settlement of all claims unsettled at the time of delivery, shall remain SYNTHON's unrestricted property.

5.2 In case of resale, Customer shall assign its purchase price claim including all subsidiary rights to SYNTHON; SYNTHON hereby accepts such assignment. Should any goods supplied by SYNTHON be processed, SYNTHON shall acquire joint property rights in the resultant products in proportion of the value of the reserved merchandise to the material otherwise used by Customer for manufacturing purposes.

6. Notification of defects of quality; Warranty; Liability

6.1 SYNTHON shall warrant that its products are in line with the description set out in its brochures, specifications and test certificates. However, SYNTHON will not assume liability for the fitness of its products for Customer's purported use. Incidentally, SYNTHON will not be liable, except for fatal and physical injury or health risk, unless in case of action with aforethought or gross negligence.

6.2 Customer undertakes to check the merchandise immediately after receipt thereof. In case the inspection reveals apparent defects, Customer shall advise SYNTHON thereof, without delay, or within 30 days after the receipt of goods at the latest, sending a copy of the delivery note or the like. Hidden defects shall be notified within 2 months after the defect could have or actually has been discovered. In case a defect has occurred SYNTHON shall have the right to remedy the same. In case remedial efforts have failed twice, Customer shall be entitled to a rebate or shall be authorized to rescind the contract.

6.3 The period of prescription for claims based on defects shall be one year. Exempted herefrom shall be claims under SYNTHON's warranty or in respect of which SYNTHON is liable because it has wilfully concealed a defective condition of which it had been aware.

7. Place of Performance; Applicable law

The place of performance in respect of the delivery of goods to be supplied by SYNTHON and in respect of the services to be provided by Customer shall be the place of business of SYNTHON. Incidentally, the law of the Federal Republic of Germany shall apply, waiving the rules of the UN Convention on Contracts for the International Sale of Goods and of the German International Private Law.

8. Salvatorian Clause

Should a provision contained in these General Terms and Conditions of Business be or become invalid in whole or in part, the validity of the contracts concluded, incorporating the present General Terms and Conditions of Business, would be left unaffected thereby. The invalid provision, within the scope of existing contract relationships, should then be replaced by a provision coming closest to the economic object pursued by the parties hereto by the invalid provision. The same applies once it has proved that the provisions of these General Terms and Conditions of Business, by inadvertence, contain a gap.

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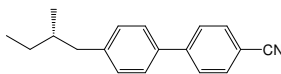
DOPANTS FOR LC-APPLICATIONS: CHIRAL DOPANTS

(S)-4-Cyano-4'-(2-methylbutyl)biphenyl

ST02804

63799-11-1

C18H19N



CB15

min. 99.5 % (GC);

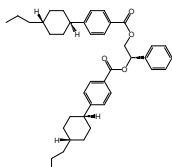
mesophase behaviour: Cr -54 (N* -30) I

chiral liquid crystal;

Benzoic acid, 4-(trans-4-propylcyclohexyl)-1,1'-[(1(S)(+))-1-phenyl-1,2-ethanediyl] ester

ST06152

C40H50O4



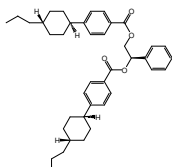
min. 99.5 % (HPLC);

m. p.: 144.5°C

Benzoic acid, 4-(trans-4-propylcyclohexyl)-1,1'-[(1(R)(-))-1-phenyl-1,2-ethanediyl] ester

ST06153

C40H50O4



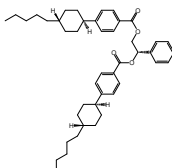
min. 98 % (HPLC);

Benzoic acid, 4-(trans-4-pentylcyclohexyl)-1,1'-[(1(S)(+))-1-phenyl-1,2-ethanediyl] ester

ST05865

165660-09-3

C44H58O4



min. 99.5 % (HPLC);

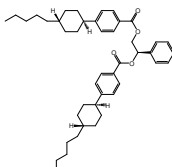
m. p.: 131-133°C

Benzoic acid, 4-(trans-4-pentylcyclohexyl)-1,1'-[(1(R)(-))-1-phenyl-1,2-ethanediyl] ester

ST05866

154102-21-3

C44H58O4



min. 99.5 % (HPLC);

m. p.: 131-134°C

INQUIRIES and ORDERS

Phone: +49 (0)3494 63 69 00 - Fax: +49 (0)3494 63 69 69 - email: synthon@synthon-chemicals.com

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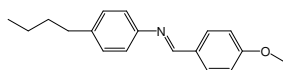
LIQUID CRYSTALS: AZOMETHINES

N-(Methoxybenzylidene)-4-butylaniline

ST00484

26227-73-6

C18H21NO



MBBA

min. 98.5 % (GC);

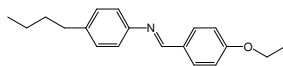
mesophase behaviour: Cr 22; N 48 I

N-(4-Ethoxybenzylidene)-4-butylaniline

ST00483

29743-08-6

C19H23NO



min. 99.5 % (HPLC);

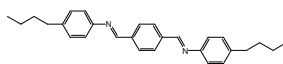
mesophase behaviour: Cr 36.5 N 79.8 I

N,N'-Terephthalylidene-bis(4-butylaniline)

ST00482

29743-21-3

C28H32N2



TBBA

min. 99 % (HPLC);

mesophase behaviour: Cr 113 Sm 74 SmH 89.2 SmG 144.5 SmC
172 SmA 199 N 235 I

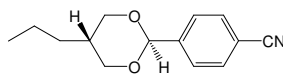
LIQUID CRYSTALS: DIOXANES

trans-2-(4-Cyanophenyl)-5-n-propyl-1,3-dioxane

ST00693

80285-16-1

C14H17NO2



PDX-3

min. 99.5 % (HPLC);

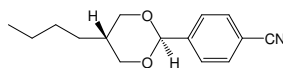
mesophase behaviour: Cr 58 (N 43) I

trans-2-(4-Cyanophenyl)-5-n-butyl-1,3-dioxane

ST00694

74800-54-7

C15H19NO2



PDX-4

min. 99.5 % (HPLC);

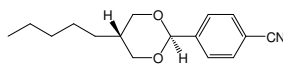
mesophase behaviour: Cr 42 (N 36) I

trans-2-(4-Cyanophenyl)-5-n-pentyl-1,3-dioxane

ST00695

74800-62-7

C16H21NO2



PDX-5

min. 99.5 % (HPLC);

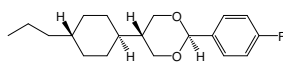
mesophase behaviour: Cr 56 (N 49) I

trans-2-(4-Fluorophenyl)-5-(trans-4-n-propylcyclohexyl)-1,3-dioxane

ST03206

133058-92-1

C19H27FO2



min. 99 % (HPLC);

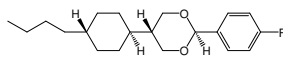
mesophase behaviour: Cr 82.4 N 146.2 I

trans-2-(4-Fluorophenyl)-5-(trans-4-n-butylcyclohexyl)-1,3-dioxane

ST03207

132828-01-4

C20H29FO2



min. 99 % (HPLC);

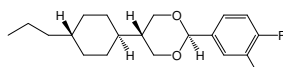
mesophase behaviour: Cr 70 Sm 77.7 N 145 I

trans-2-(3,4-Difluorophenyl)-5-(trans-4-n-propylcyclohexyl)-1,3-dioxane

ST03209

133059-01-5

C19H26F2O2



min. 99 % (HPLC);

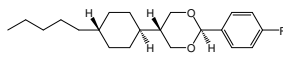
mesophase behaviour: Cr 88.5 N 105.1 I

trans-2-(4-Fluorophenyl)-5-(trans-4-n-pentylcyclohexyl)-1,3-dioxane

ST03208

133058-95-4

C21H31FO2



min. 99 % (HPLC);

mesophase behaviour: Cr 65 S 47.6 N 155.7 I

INQUIRIES and ORDERS

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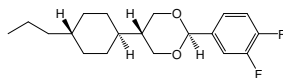
LIQUID CRYSTALS: DIOXANES

trans-2-(3,4-Difluorophenyl)-5-(trans-4-n-butylcyclohexyl)-1,3-dioxane

ST03210

132828-03-6

C20H28F2O2



min. 99 % (HPLC);

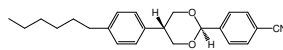
mesophase behaviour: Cr 89.8 N 109.7 I

4-[5-(4-Hexylphenyl)-[1,3]dioxan-2-yl]benzonitrile

ST05944

74800-93-4

C23H27NO2



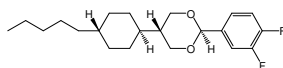
min. 99 % (HPLC);

trans-2-(3,4-Difluorophenyl)-5-(trans-4-n-pentylcyclohexyl)-1,3-dioxane

ST03211

133059-04-8

C21H30O2F2



min. 99 % (HPLC);

mesophase behaviour: Cr 77 N 113.8 I

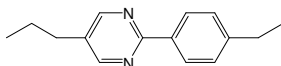
LIQUID CRYSTALS: PYRIMIDINES

2-(4-n-Ethylphenyl)-5-n-propylpyrimidine

ST00547

98495-11-5

C15H18N2



min. 99.5 % (HPLC);

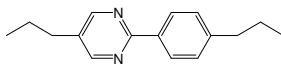
m. p.: 40-42°C

2-(4-n-Propylphenyl)-5-n-propylpyrimidine

ST00548

98495-13-7

C16H20N2



min. 99.5 % (HPLC);

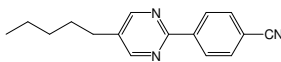
m. p.: 52-53.5°C

2-(4-Cyanophenyl)-5-n-pentylpyrimidine

ST02757

119467-18-4

C16H17N3



4-(5-n-Pentyl-pyrimidin-2-yl)benzonitrile

min. 99 % (HPLC);

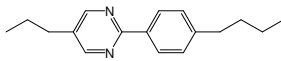
m. p.: 71-72°C

2-(4-n-Butylphenyl)-5-n-propylpyrimidine

ST00549

123740-94-3

C17H22N2



min. 99.5 % (HPLC);

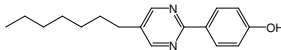
m. p.: 27.5-29.5°C

2-(4'-Hydroxyphenyl)-5-n-heptylpyrimidine

ST01569

58415-62-6

C17H22N2O



min. 99 % (HPLC);

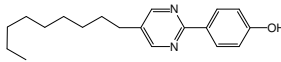
m. p.: 88-90°C

2-(4'-Hydroxyphenyl)-5-n-nonylpyrimidine

ST05954

102408-53-7

C19H26N2O



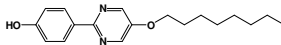
min. 99 % (GC);

2-(4'-Hydroxyphenyl)-5-n-octyloxy pyrimidine

ST06299

104539-91-5

C18H24N2O2



4-(5-(Octyloxy)pyrimidin-2-yl)phenol

98% (HPLC)

INQUIRIES and ORDERS

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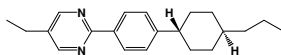
LIQUID CRYSTALS: PYRIMIDINES

5-Ethyl-2-[trans-(4-n-propylcyclohexyl)phenyl]pyrimidine

ST03737

98495-16-0

C21H28N2



min. 99.5 % (GC);

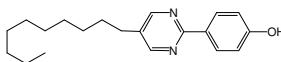
mesophase behaviour: Cr 102-103 N 181-182 I

2-(4'-Hydroxyphenyl)-5-n-decylpyrimidine

ST05955

102408-54-8

C20H28N2O



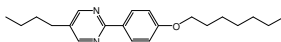
min. 99 % (GC);

5-Butyl-2-(4-heptyloxyphenyl)pyrimidine

ST02755

57202-14-9

C21H30N2O



min. 99 % (HPLC);

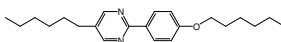
m. p.: 27-30°C

5-n-Hexyl-2-(4-n-hexyloxyphenyl)pyrimidine

ST03333

227605-57-4

C22H32N2O



min. 98 % (HPLC);

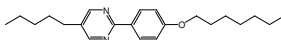
m.p.: 31-32 °C

2-(4-n-Heptyloxyphenyl)-5-n-pentylpyrimidine

ST02756

57202-22-9

C22H32N2O



min. 99 % (HPLC);

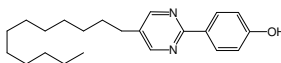
m. p.: 39-41°C

2-(4'-Hydroxyphenyl)-5-n-dodecylpyrimidine

ST05956

102408-55-9

C22H32N2O



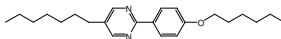
min. 99 % (HPLC);

5-n-Heptyl-2-(4-n-hexyloxyphenyl)pyrimidine

ST00550

57202-37-6

C23H34N2O



min. 99.5 % (HPLC);

mesophase behaviour: Cr 45.5 (SmA 33) N 69.5 I

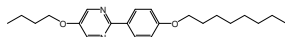
LIQUID CRYSTALS: PYRIMIDINES

2-(4-n-Octyloxyphenyl)-5-n-butyloxy pyrimidine

ST01060

287179-18-4

C22H32N2O2



min. 99.5 % (HPLC);

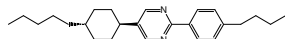
mesophase behaviour: Cr 57 (SmC 85) SmA 96 N 98 I

trans-2-(4-Butylphenyl)-5-(4-pentylcyclohexyl)pyrimidine

ST06081

82885-43-6

C25H36N2



min. 99 % (HPLC);

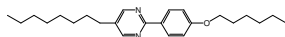
mesophase behaviour: Cr 37 S 187 I

2-(4-n-Hexyloxyphenyl)-5-n-octylpyrimidine

ST00552

57202-48-9

C24H36N2O



min. 99.5 % (HPLC);

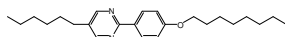
mesophase behaviour: Cr 27.5 SC 44.5S SA 57.5 N 65 I

5-n-Hexyl-2-(4-n-octyloxyphenyl)pyrimidine

ST03334

57202-30-9

C24H36N2O

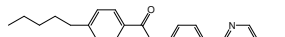


min. 98 % (HPLC);

mesophase behaviour: Cr 51 SmB 63 SmA 87 I

4-Pentylbenzoic acid 4-(5-cyanopyrimidin-2-yl)phenyl ester

ST05945



min. 98 % (HPLC);

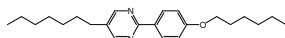
C23H21N3O2

5-n-Heptyl-2-(4-n-octyloxyphenyl)pyrimidine

ST00551

57202-39-8

C25H38N2O



min. 99.5 % (HPLC);

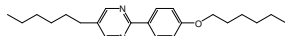
mesophase behaviour: Cr 49 (SmA 44) N 69.5 I

5-n-Hexyl-2-(4-n-nonyloxyphenyl)pyrimidine

ST03335

51462-26-1

C25H38N2O



min. 98 % (HPLC);

mesophase behaviour: Cr 57 SmB 63.5 SmA 85 I

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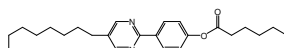
LIQUID CRYSTALS: PYRIMIDINES

n-Heptanoic acid 4-(5-n-octylpyrimidin-2-yl)phenyl ester

ST00558

58415-91-1

C25H36N2O2



LC E-68

min. 99.5 % (HPLC);

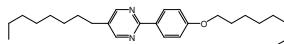
mesophase behaviour: Cr 43 SmC 48 SmA 51.5 I

5-n-Octyl-2-(4-n-octyloxyphenyl)pyrimidine

ST00553

57202-50-3

C26H40N2O



min. 99.5 % (HPLC);

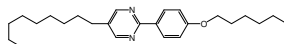
mesophase behaviour: Cr 28.5 SmC 55.5 SmA 62 N 68 I

2-(4-n-Heptyloxyphenyl)-5-n-nonylpyrimidine

ST00556

57202-57-0

C26H40N2O



min. 99.5 % (HPLC);

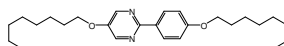
mesophase behaviour: Cr 45.5 SmC 51 SmA 74.5 I

5-Octyloxy-2-(4-octyloxyphenyl)pyrimidine

ST01059

114767-84-9

C26H40N2O2



min. 99.5 % (HPLC);

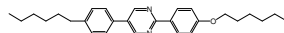
mesophase behaviour: Cr 51 (SmC 91) SA 100 N 101 I

2-(4-Hexyloxyphenyl)-5-(4-hexylphenyl)pyrimidine

ST06082

135071-49-7

C28H36N2O



min. 99 % (HPLC);

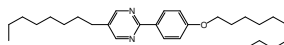
mesophase behaviour: Cr 75 SmC 151 SmA 193 I

2-(4-n-Decyloxyphenyl)-5-n-octylpyrimidine

ST00554

57202-52-5

C28H44N2O



PYP 8010

min. 99.5 % (HPLC);

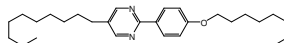
mesophase behaviour: Cr 32 SmC 59.5 SmA 65.5 N 69.5 I

5-n-Decyl-2-(4-n-octyloxyphenyl)pyrimidine

ST00557

57202-62-7

C28H44N2O



min. 99.5 % (HPLC);

mesophase behaviour: Cr 37 SmC 68.5 SmA 73.5 I

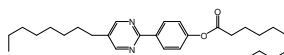
LIQUID CRYSTALS: PYRIMIDINES

n-Decanoic acid 4-(5-n-octylpyrimidin-2-yl)phenyl ester

ST00559

58415-94-4

C28H42N2O2



LC E-98

min. 99.5 % (HPLC);

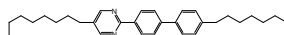
mesophase behaviour: Cr 42 SmC 55.5 N 59.8 I

2-(4'-Heptylbiphenyl-4-yl)-5-octylpyrimidine

ST06083

117433-12-2

C31H42N2



min. 99 % (HPLC);

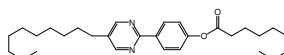
mesophase behaviour: Cr 58 SmC 134 SmA 144 N 157 I

n-Nonanoic acid 4-(5-n-decyl-pyrimidin-2-yl)phenyl ester

ST00560

129470-93-5

C29H44N2O2



min. 99.5 % (HPLC);

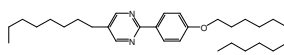
mesophase behaviour: Cr 44 SmA 69 N 67.2 I

2-(4-n-Dodecyloxyphenyl)-5-n-octylpyrimidine

ST00555

57202-54-7

C30H48N2O



min. 99.5 % (HPLC);

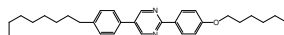
mesophase behaviour: Cr 42 SmC 61.5 SmA 68.5 N 70 I

2-(4-Octyloxyphenyl)-5-(4-octylphenyl)pyrimidine

ST06087

117392-53-7

C32H44N2O



min. 99 % (HPLC);

mesophase behaviour: Cr 68 SmC 152 N 174 I

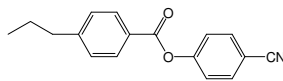
LIQUID CRYSTALS: 4,4'-BISUBSTITUTED PHENYLBENZOATES

4-Cyanophenyl 4-n-propylbenzoate

ST00485

56131-49-8

C17H15NO2



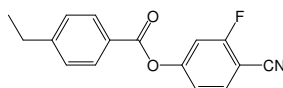
min. 99.5 % (HPLC);
mesophase behaviour: Cr 102 (N 53) I

4-Cyano-3-fluorophenyl-4-ethylbenzoate

ST02629

86776-50-3

C16H12FNO2



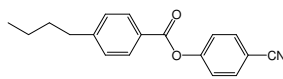
min. 99.5 % (HPLC);
mesophase behaviour: Cr 78 (N 8) I

4-Cyanophenyl 4-n-butylbenzoate

ST00486

38690-77-6

C18H17NO2



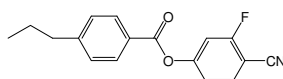
min. 99.5 % (HPLC);
mesophase behaviour: Cr 67.1 (N 42.6) I

4-Cyano-3-fluorophenyl 4-propylbenzoate

ST02630

86776-51-4

C17H14FNO2



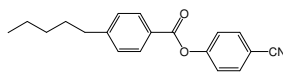
min. 99.5 % (HPLC);
mesophase behaviour: Cr 70 (N 20) I

4-Cyanophenyl 4-n-pentylbenzoate

ST00487

49763-64-6

C19H19NO2



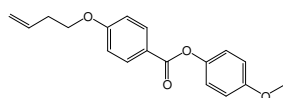
min. 99.5 % (HPLC);
mesophase behaviour: Cr 64.4 (N 55.4) I

(4-But-3-enyloxy)benzoic acid 4-methoxyphenyl ester

ST05893

76487-56-4

C18H18O4



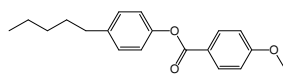
min. 98 % (GC);

4-Methoxybenzoic acid 4-pentylphenyl ester

ST04668

38444-13-2

C19H22O3



min. 96.5 % (HPLC);
mesophase behaviour: Cr 34 (N 43) I

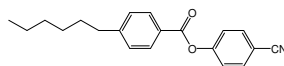
LIQUID CRYSTALS: 4,4'-BISUBSTITUTED PHENYLBENZOATES

4-Cyanophenyl 4-n-hexylbenzoate

ST00488

50793-85-6

C20H21NO2



min. 99.5 % (HPLC);

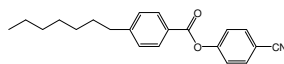
mesophase behaviour: Cr 44.4 N 48.6 I

4-Cyanophenyl 4-heptylbenzoate

ST00489

38690-76-5

C21H23NO2



min. 99.5 % (HPLC);

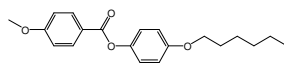
mesophase behaviour: Cr 44 N 56.5 I

4-Hexyloxyphenyl 4-methoxybenzoate

ST00478

38454-29-4

C20H24O4



min. 99 % (HPLC);

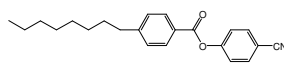
mesophase behaviour: Cr 56 N 77 I

4-Cyanophenyl 4-n-octylbenzoate

ST00490

50793-86-7

C22H25NO2



min. 99.5 % (HPLC);

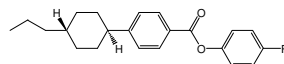
mesophase behaviour: Cr 47 N 55 I

4-(4-trans-Propylcyclohexyl)benzoic acid 4-fluorophenyl ester

ST05946

120893-64-3

C22H25FO2



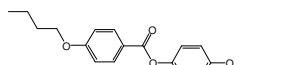
min. 99 % (HPLC);

4-Butoxyphenyl 4-butoxybenzoate

ST06229

38454-23-8

C21H26O4



min.98 % (GC);

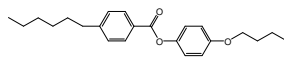
mesophase behaviour: Cr 83 N 96 I

4-n-Butyloxyphenyl 4-n-hexylbenzoate

ST00481

38454-21-6

C23H30O3



min. 99 % (HPLC);

mesophase behaviour: Cr1 24 Cr2 40 N 49.5 I

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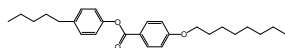
LIQUID CRYSTALS: 4,4'-BISUBSTITUTED PHENYLBENZOATES

4-Octyloxybenzoic acid 4-pentylphenyl ester

ST04669

50649-56-4

C26H36O3



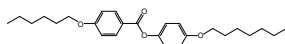
min. 99 % (GC);
mesophase behaviour: Cr 57 N 66 I

4-n-Heptyloxyphenyl 4-n-hexyloxybenzoate

ST00479

38454-39-6

C26H36O4



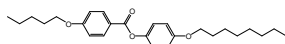
min. 99 % (HPLC);
mesophase behaviour: Cr 55 N 88 I

4-n-Octyloxyphenyl 4-n-pentyloxybenzoate

ST00480

50649-44-0

C26H36O4



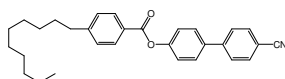
min. 99 % (HPLC);
mesophase behaviour: Cr 52 N 85 I

4-Decylbenzoic acid 4'-cyanobiphenyl-4-yl ester

ST05005

59446-85-5

C30H33NO2



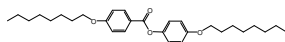
min. 99 % (GC);
mesophase behaviour: Cr 91 N 205 I

4-(Octyloxy)phenyl 4-(octyloxy)benzoate

ST06291

50649-44-0

C29H42O4



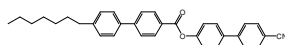
99,5 % (GC)

4'-Heptylbiphenyl-4-carboxylic acid 4'-cyanobiphenyl-4-yl ester

ST05066

72928-30-4

C33H31NO2



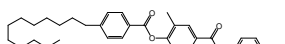
BB7
min. 99 % (HPLC);
mesophase behaviour: Cr1 106 Cr2 126 N 358 I

4-Cyanophenyl 4-(4-dodecylbenzoyloxy)-3-methylbenzoate

ST06086

71299-59-7

C34H39NO4

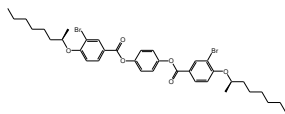


12CPMBB
min. 98 % (HPLC);

LIQUID CRYSTALS: 4,4'-BISUBSTITUTED PHENYLBENZOATES

(S)-1,4-phenylene bis(3-bromo-4-((S)-octan-2-yloxy)benzoate)

ST06044

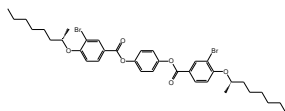


min. 97 % (HPLC); 1H-NMR: conforms;

C₃₆H₄₄Br₂O₆

(R)-1,4-phenylene bis(3-bromo-4-((R)-octan-2-yloxy)benzoate)

ST06045



min. 97 % (HPLC); 1H-NMR: conforms;

C₃₆H₄₄Br₂O₆

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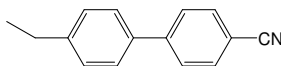
LIQUID CRYSTALS: 4'-ALKYL-4-CYANOBIPHENYLS

4-Cyano-4'-ethyl-biphenyl

ST00680

58743-75-2

C15H13N



4'-Ethylbiphenyl-4-carbonitrile, 2CB

min. 99.5 % (GC);

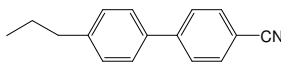
mesophase behaviour: Cr 75 N (22) I

4-Cyano-4'-n-propyl-biphenyl

ST00681

58743-76-3

C16H15N



4'-n-Propylbiphenyl-4-carbonitrile, 3CB

min. 99.5 % (GC);

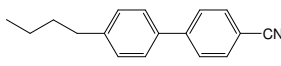
mesophase behaviour: Cr 67.3 (N 30.3) I

4-Butyl-4'-cyanobiphenyl

ST00682

52709-83-8

C17H17N



4'-n-Butylbiphenyl-4-carbonitrile, 4CB

min. 99.5 % (GC);

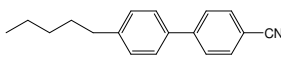
mesophase behaviour: Cr 48 (N 16.5) I

4-Cyano-4'-n-pentylbiphenyl

ST00683

40817-08-1

C18H19N



4'-n-Pentylbiphenyl-4-carbonitrile, 5CB

min. 99.5 % (GC);

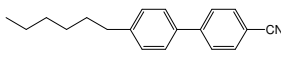
mesophase behaviour: Cr 24 N 35.5 I

4-Cyano-4'-n-hexylbiphenyl

ST02678

41122-70-7

C19H21N



4'-n-Hexyl-1,1'-biphenyl-4-carbonitrile, 6CB

min. 99.5 % (GC);

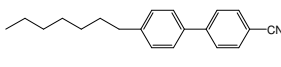
mesophase behaviour: Cr 12 N 29 I

4-Cyano-4'-n-heptylbiphenyl

ST00684

41122-71-8

C20H23N



4'-n-Heptylbiphenyl-4-carbonitrile, 7CB

min. 99.5 % (GC);

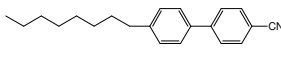
mesophase behaviour: Cr₂ 15 Cr₁ 30 N 42.8 I

4-Octyl-4'-cyanobiphenyl

ST01422

52709-84-9

C21H25N



4'-Octyl-biphenyl-4-carbonitrile, 8CB

min. 99.5 % (GC);

mesophase behaviour: Cr 21.5 SmA 33 N 40.5 I

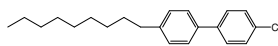
LIQUID CRYSTALS: 4'-ALKYL-4-CYANOBIPHENYLS

4-Cyano-4'-n-nonylbiphenyl

ST02890

52709-85-0

C22H27N



4-n-Nonyl-biphenyl-4'-carbonitrile, 9CB

min. 99 % (GC);

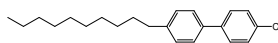
mesophase behaviour: Cr 42 SmA 47.5 N 49.5 I

4-Cyano-4'-n-decylbiphenyl

ST02891

59454-35-2

C23H29N



4-n-Decyl-biphenyl-4'-carbonitrile, 10CB

min. 99.5 % (GC);

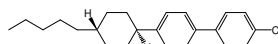
mesophase behaviour: Cr 44 SmA 51.5 I

trans-4-(4-n-Pentyl)cyclohexyl-4'-cyanobiphenyl

ST03992

68065-81-6

C24H29N



5-CCB

min. 99.5 % (GC);

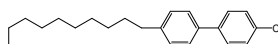
mesophase behaviour: Cr 96 N 222 I

4-Undecyl-4'-cyanobiphenyl

ST04048

65860-74-4

C24H31N



4'-Undecyl-biphenyl-4-carbonitrile, 11CB

min. 99 % (GC);

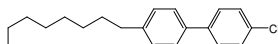
mesophase behaviour: Cr 53 Sm 57 N 57.5 I

4-Cyano-4'-dodecylbiphenyl

ST03202

57125-49-2

C25H33N



4-Dodecylbiphenyl-4-carbonitrile, 12CB

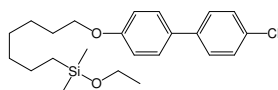
min. 99 % (HPLC);

mesophase behaviour: Cr 46 Sm 58 I

4'-(11-(Ethoxy-dimethyl-silanyl)heptyloxy)biphenyl-4-carbonitrile

ST04124

C24H33NO2Si



min. 96 % (GC);

m.p.: 48 - 49°C

INQUIRIES and ORDERS

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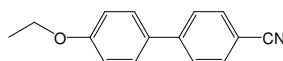
LIQUID CRYSTALS: 4'-ALKOXY-4-CYANOBIPHENYLS

4-Cyano-4'-ethoxybiphenyl

ST01562

58743-78-5

C15H13NO



4'-Ethoxy-biphenyl-4-carbonitrile, 2OCB

min. 99.5 % (GC);

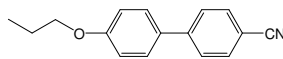
m. p.: 100-102°C

4-Cyano-4'-propyloxybiphenyl

ST01529

52709-86-1

C16H15NO



4'-Propoxy-biphenyl-4-carbonitrile, 3OCB

min. 99.5 % (GC);

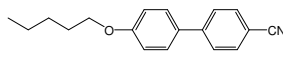
mesophase behaviour: Cr 76 (N 69) I

4-Cyano-4'-pentyloxybiphenyl

ST00685

52364-71-3

C18H19NO



4'-n-Pentyloxybiphenyl-4-carbonitrile, 5OCB

min. 99.5 % (GC);

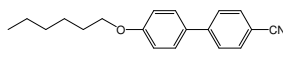
mesophase behaviour: Cr1 48 Cr2 53 N 68 I

4-Cyano-4'-hexyloxybiphenyl

ST02576

41424-11-7

C19H21NO



4-(4'-n-Hexyloxyphenyl)benzocarbonitrile, 6OCB

min. 99.5 % (GC);

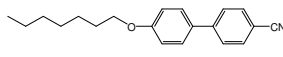
mesophase behaviour: Cr 57 N 76 I

4-Cyano-4'-n-heptyloxybiphenyl

ST00686

52364-72-4

C20H23NO



4'-n-Heptyloxybiphenyl-4-carbonitrile, 7OCB

min. 99.5 % (GC);

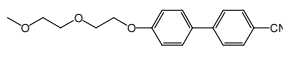
mesophase behaviour: Cr1 47.5 Cr2 53.5 N 75 I

4'-(2-(2-Methoxyethoxy)ethoxy)biphenyl-4-carbonitrile

ST06497

C18H19NO₃

NEW



98 % (GC)

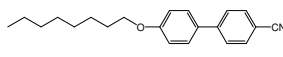
¹H-NMR and IR confirm

4-(4'-n-Octyloxyphenyl)benzocarbonitrile

ST01191

52364-73-5

C21H25NO



4-Cyano-4'-n-octyloxybiphenyl, 8OCB

min. 99.5 % (GC);

mesophase behaviour: Cr 54.5 Sm 67 N 80 I

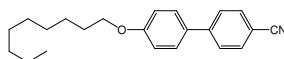
LIQUID CRYSTALS: 4'-ALKOXY-4-CYANOBIPHENYLS

4-Cyano-4'-nonyloxybiphenyl

ST03203

58932-13-1

C22H27NO



9 OCB, 4-Nonyloxybiphenyl-4'-carbonitrile

min. 99.5 % (GC);

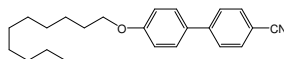
mesophase behaviour: Cr 43.5 N 58 I

4-Cyano-4'-decyloxybiphenyl

ST03204

70247-25-5

C23H29NO



10 OCB, 4-Decyloxybiphenyl-4'-carbonitrile

min. 99.5 % (GC);

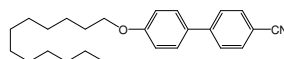
mesophase behaviour: Cr 58 Sm 83 I

4-Cyano-4'-dodecyloxybiphenyl

ST04312

57125-50-5

C25H33NO



12OCB, M36

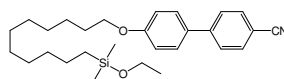
min. 99.5 % (GC);

mesophase behaviour: Cr 69 Sm 89 I

4'-(11-(Ethoxy-dimethyl-silanyl)undecyloxy)biphenyl-4-carbonitrile

ST04123

C28H41NO2Si



min. 96 % (GC), 1H-NMR conforms;

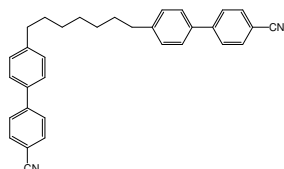
m.p.: 58°C

4',4''-(Heptane-1,7-diyl)dibiphenyl-4-carbonitrile

ST06137

149430-73-9

C33H30N2



CB7CB

min. 98 % (HPLC);

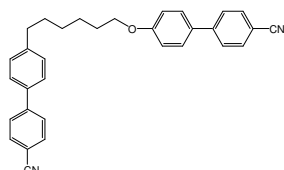
mesophase behaviour: Cr 100 N 118 I

4'-(6-(4'-Cyanobiphenyl-4-yl)hexyloxy)biphenyl-4-carbonitrile

ST06136

1531588-29-0

C32H28N2O



6B6OCB

min. 98 % (HPLC);

mesophase behaviour: Cr 95 M 109 N 153 I

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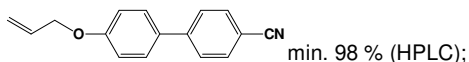
LIQUID CRYSTALS: 4'-(ALKENYLOXY)-4-CYANOBIPHENYLS

4'-Allyloxy-biphenyl-4-carbonitrile

ST04474

111928-38-2

C16H13NO

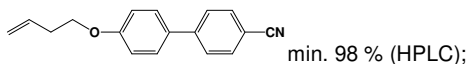


4'-But-3-enyloxy-biphenyl-4-carbonitrile

ST04475

120817-64-3

C17H15NO

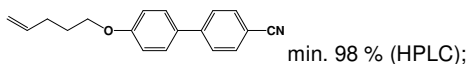


4'-Pent-4-enyloxy-biphenyl-4-carbonitrile

ST04476

111928-39-3

C18H17NO

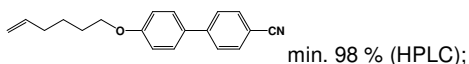


4'-Hex-5-enyloxy-biphenyl-4-carbonitrile

ST04477

125786-59-6

C19H19NO

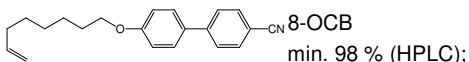


4'-(Oct-7-enyloxy)biphenyl-4-carbonitrile

ST04623

130916-21-1

C21H23NO

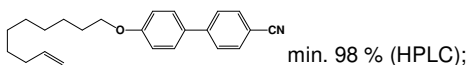


4'-Dec-9-enyloxy-biphenyl-4-carbonitrile

ST04478

129281-14-7

C23H27NO

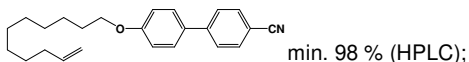


4'-Undec-10-enyloxy-biphenyl-4-carbonitrile

ST04479

105531-79-1

C24H29NO



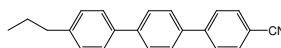
LIQUID CRYSTALS: 4'-ALKYL-4-CYANOTERPHENYLS

4-Cyano-4'-n-propyl-p-terphenyl

ST00688

54296-25-2

C22H19N



4''-n-Propyl-1,1':4',1''-terphenyl-4-carbonitrile, 3CT

min. 99 % (GC);

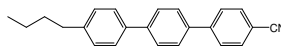
mesophase behaviour: Cr1 179 Cr2 182.2 N 257.5 I

4-Cyano-4'-n-pentyl-p-terphenyl

ST00689

54211-46-0

C24H23N



4''-n-Pentyl-1,1':4',1''-terphenyl-4-carbonitrile, 5CT

min. 99.5 % (GC);

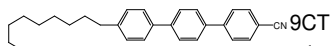
mesophase behaviour: Cr 130 N 240 I

4-Nonyl-[1,1';4',1'']terphenyl-4''-carbonitrile

ST04891

107396-27-0

C28H31N



4''-n-Nonyl-1,1':4',1''-terphenyl-4''-carbonitrile, 9CT

min. 99 % (GC);

mesophase behaviour: Cr 87 SmE 110 SmA 206 N 212 I

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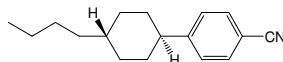
LIQUID CRYSTALS: TRANS-4,4'-ALKYLCYCLOHEXYL-BENZONITRILES

trans-4-(4'-n-Butylcyclohexyl)benzonitrile

ST00691

61204-00-0

C17H23N



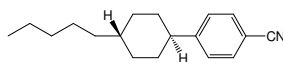
PCH 4
min. 99.5 % (GC);
mesophase behaviour: Cr 41 N 41 I

trans-4-(4'-n-Pentylcyclohexyl)benzonitrile

ST00692

61204-01-1

C18H25N



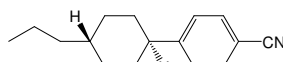
PCH 5
min. 99.5 % (GC);
mesophase behaviour: Cr 31 N 55 I

4-(trans-4'-n-Propylcyclohexyl)benzonitrile

ST01862

61203-99-4

C16H21N



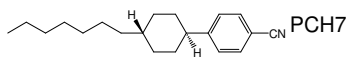
PCH3
min. 99.5 % (GC);
mesophase behaviour: Cr 43 N 46 I

4-(trans-4'-n-Heptylcyclohexyl)benzonitrile

ST06252

82029-02-5

C20H29N



PCH7

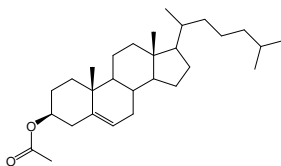
LIQUID CRYSTALS: CHOLESTERYL ESTERS

Cholesteryl acetate

ST00492

604-35-3

C29H48O2



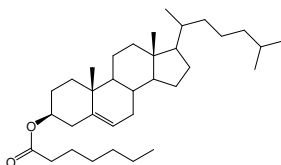
min. 96 % (GC);
mesophase behaviour: Cr 116.5 (N* 94.5) I

Cholesteryl heptanate

ST00497

1182-07-6

C34H58O2



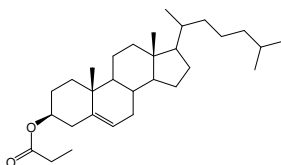
min. 97 % (HPLC);
mesophase behaviour: Cr 114 (Sm 92.5 N*95.5) I

Cholesteryl caprylate

ST00498

1182-42-9

C35H60O2



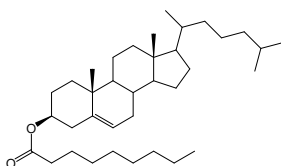
min. 96 % (HPLC);
mesophase behaviour: Cr 110 (Sm 69.5 N* 96.5)

Cholesteryl pelargonate

ST00499

1182-66-7

C36H62O2



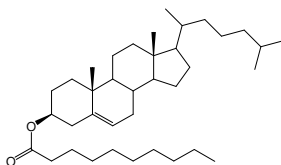
min. 96 % (HPLC);
mesophase behaviour: Cr 80.5 (Sm 77.5 N* 92) I

Cholesteryl decanoate

ST00500

1183-04-6

C37H64O2



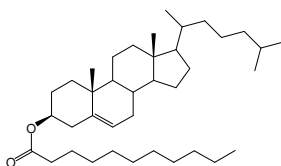
min. 95 % (HPLC);
mesophase behaviour: Cr 85.5 (Sm 81.5 N* 92.5) I

Cholesteryl undecanoate

ST00501

24385-24-8

C38H66O2



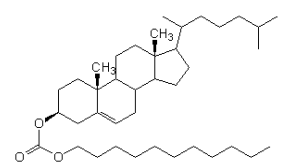
min. 95 % (HPLC);
mesophase behaviour: Cr 92.5 (Sm 81.9 N* 90) I

Cholesteryl undecyl carbonate

ST02927

15834-73-8

C39H68O3



min. 90 % (HPLC);
mesophase behaviour: Cr 70.5 N* 74.4 I

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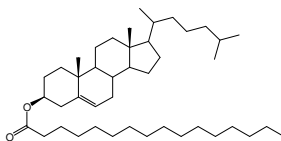
LIQUID CRYSTALS: CHOLESTERYL ESTERS

Cholesteryl palmitate

ST00506

601-34-3

C43H76O2



min. 97 % (HPLC);

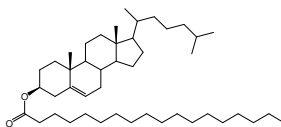
mesophase behaviour: Cr 76.3 N* 79.8 I

Cholesteryl stearate

ST00508

35602-69-8

C45H80O2



min. 95 % (HPLC);

mesophase behaviour: Cr 83 (SmA 75.5 N* 59.5) I

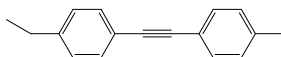
LIQUID CRYSTALS: TOLANES

1-(4-Ethylphenyl)-2-(4-methylphenyl)acetylene

ST01845

22692-80-4

C17H16



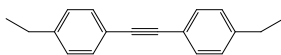
Tolane 2-1
min. 99.5 % (GC);
m. p.: 73.5°C

1,2-Bis(4-ethylphenyl)acetylene

ST02286

79135-69-6

C18H18



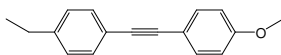
Tolane 2-2; 2T2; 4,4'-Diethyltolane
min. 99.7 % (GC);
m. p.: 74°C

1-(4-Ethylphenyl)-2-(4-methoxyphenyl)acetylene

ST01847

63221-88-5

C17H16O



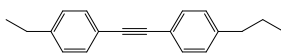
Tolane 2-O1
min. 99.5 % (GC);
mesophase behaviour: Cr 72.5 (N 34.7) I

1-(4-Ethylphenyl)-2-(4-n-propylphenyl)acetylene

ST02287

102225-55-8

C19H20



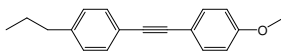
Tolane 2-3; 2T3; 4-Ethyl-4'-n-propyltolane
min. 99.7 % (GC);
m. p.: 51°C

1-(4-Methoxyphenyl)-2-(4-n-propylphenyl)acetylene

ST01848

39969-26-1

C18H18O



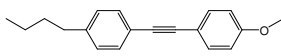
Tolane 3-O1
min. 99.5 % (GC);
mesophase behaviour: Cr 65 (N 61.4) I

1-(4-n-Butylphenyl)-2-(4-methoxyphenyl)acetylene

ST01849

35684-12-9

C19H20O



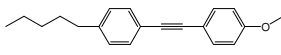
Tolane 4-O1
min. 99.5 % (GC);
mesophase behaviour: Cr 50.4 (N 40.2) I

1-(4-Methoxyphenyl)-2-(4-n-pentylphenyl)acetylene

ST01850

39969-28-3

C20H22O



Tolane 5-O1
min. 99.5 % (GC);
mesophase behaviour: Cr 47.0 N 58.0 I

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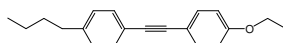
LIQUID CRYSTALS: TOLANES

1-(4-n-Butylphenyl)-2-(4-ethoxyphenyl)acetylene

ST01851

85583-83-1

C20H22O



Tolane 4-O2

min. 99.5 % (GC);

mesophase behaviour: Cr 54.0 N 80.0 I

1,2-Bis(4-n-butylphenyl)acetylene

ST01846

80221-11-0

C22H26



Tolane 4-4

min. 99.5 % (GC);

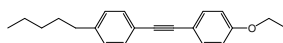
m. p.: 40-42°C

1-(4-Ethoxyphenyl)-2-(4-n-pentylphenyl)acetylene

ST01898

95480-29-8

C21H24O



Tolane 5-O2

min. 99.5 % (GC);

mesophase behaviour: Cr 62 N 89 I

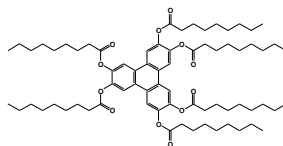
LIQUID CRYSTALS: DISCOTICS

2,3,6,7,10,11-Hexakis[nonanoyloxy]triphenylen

ST04468

70351-95-0

C72H108O12



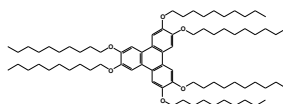
min. 97 % (HPLC);
mesophase behaviour: Cr 62 M 125 I

2,3,6,7,10,11-Hexakis[decyloxy]triphenylene

ST04466

70351-89-2

C78H132O6

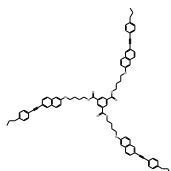


min. 97 % (HPLC);
mesophase behaviour: Cr 58 M 69 I

Benzene-1,3,5-tricarboxylic acid tris-{4-[6-(4-propyl-phenylethynyl)naphthalene-2-yloxy]butyl} ester

ST02714

C84H78O9



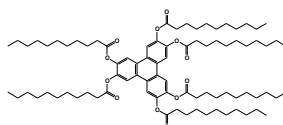
1H-NMR conforms;
mesophase behaviour: Cr 137 N 176 I

2,3,6,7,10,11-Hexakis[undecanoyloxy]triphenylen

ST04469

70351-97-2

C84H132O12



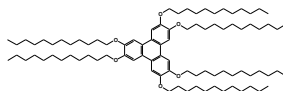
min. 97 % (HPLC);
mesophase behaviour: Cr 67 M1 108 M2 121.5 I

2,3,6,7,10,11-Hexakis[dodecyloxy]triphenylene

ST04524

214958-05-1

C90H144O6



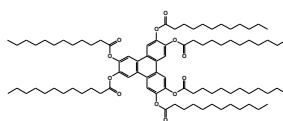
min. 96 % (HPLC);
mesophase behaviour: Cr 55 M1 58 M2 63 I

2,3,6,7,10,11-Hexakis[dodecanoyloxy]triphenylen

ST04525

70187-34-7

C90H144O12



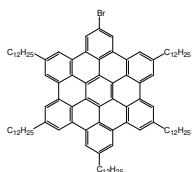
min. 96 % (HPLC);
mesophase behaviour: Cr 80 M1 93 M2 111 M3 122.3 I

2-Bromo-5,8,11,14,17-pentakis-(dodecyl)-hexa-peri-hexabenzocoronene

ST06014

283602-40-4

C102H137Br



1H-NMR conforms;

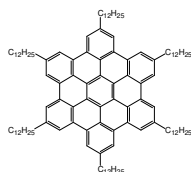
LIQUID CRYSTALS: DISCOTICS

2,5,8,11,14,17-Hexakis(dodecyl)-hexa-*peri*-hexabenzocoronene

ST06015

170698-88-1

C114H162



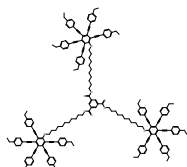
¹H-NMR: conforms;

Tris{11-[pentakis-(4'-ethylphenylethynyl)phenoxy]undecyl} trimesate

ST01771

847227-41-2

C210H204O9



¹H-NMR conforms;

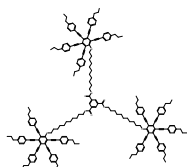
mesophase behaviour: Cr 122 N 147 I

Tris-{11-[pentakis-(4'-propylphenylethynyl)phenoxy]undecyl} trimesate

ST01606

671197-46-9

C225H234O9



¹H-NMR conforms;

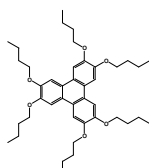
mesophase behaviour: Cr 60 N 139 I

2,3,6,7,10,11-Hexakis[butyloxy]triphenylene

ST04489

70351-85-8

C42H60O6



min. 98 % (HPLC);

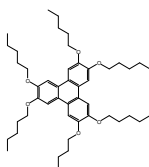
mesophase behaviour: Cr 88 M 144 I

2,3,6,7,10,11-Hexakis[pentyloxy]triphenylene

ST01612

69079-52-3

C48H72O6



min. 98 % (HPLC);

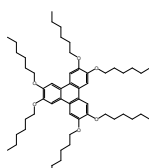
mesophase behaviour: Cr 69 Colh 123 I

2,3,6,7,10,11-Hexakis[hexyloxy]triphenylene

ST04310

70351-86-9

C54H84O6



min. 98 % (HPLC);

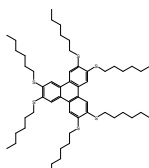
mesophase behaviour: Cr 68 M 97 I

2,3,6,7,10,11-Hexakis(hexylthio)triphenylene

ST06383

90430-82-3

C54H84S6



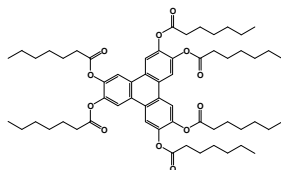
LIQUID CRYSTALS: DISCOTICS

2,3,6,7,10,11-Hexakis[heptanoyloxy]triphenylen

ST04467

70368-32-0

C60H84O12



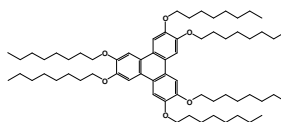
min. 97 % (HPLC);
mesophase behaviour: Cr 106 M 108 I

2,3,6,7,10,11-Hexakis(octyloxy)triphenylene

ST04465

70351-87-0

C66H108O6



min. 98 % (HPLC);
mesophase behaviour: Cr 66.8 M 85.6 I

INQUIRIES and ORDERS

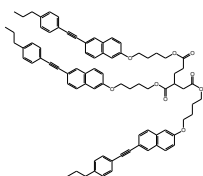
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LIQUID CRYSTALS: MISCELLANEOUS

Butane-1,2,4-tricarboxylic acid tris{4-[6-(4-propyl-phenylethynyl)naphthalene-2-yloxy]butyl} ester

ST02943

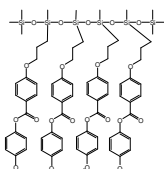


C82H82O9

TLC pure;
Cr 103 N 163 is;

(4-Methoxyphenyl 4-propoxybenzoatedimethyl)siloxane homopolymer

ST06376

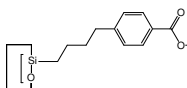


C78H98O21Si6

¹H-NMR: conforms

(Pentamethyl)pentaoxapentasilcane, LC23

ST06133



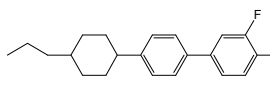
142303-13-7

C95H110O20Si5

¹H-NMR: conforms

3,4-Difluoro-4'-(4-propyl-cyclohexyl)biphenyl

ST04227



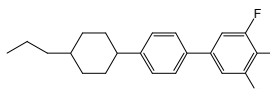
85312-59-0

C21H24F2

3CPGF
F min. 99.5 % (GC);
mesophase behaviour: Cr 68 N 98 I

3,4,5-Trifluoro-4'-(4-propyl-cyclohexyl)biphenyl

ST04229



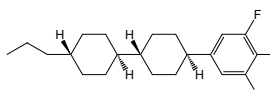
132123-39-8

C21H23F3

3CPUF
F min. 99.5 % (GC);
m. p.: 35-36°C

all-trans-4-Propyl-4'-(3,4,5-trifluorophenyl)bi(cyclohexane)

ST04332



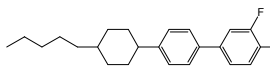
131819-23-3

C21H29F3

F min. 99.5 % (GC);
m. p.: 65-66°C;

3,4-Difluoro-4'-(4-pentyl-cyclohexyl)biphenyl

ST04228



134412-17-2

C23H28F2

5CPGF
F min. 99.5 % (GC);
mesophase behaviour: Cr 58 N 106 I

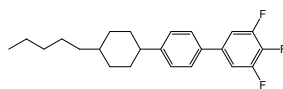
LIQUID CRYSTALS: MISCELLANEOUS

3,4,5-Trifluoro-4'-(4-pentyl-cyclohexyl)biphenyl

ST04230

137019-95-5

C23H27F3



5CPUF

min. 99.5 % (GC);

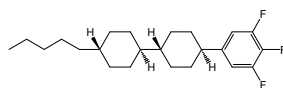
mesophase behaviour: Cr 31 N 56.5 I

all-trans-4-Pentyl-4'-(3,4,5-trifluorophenyl)bi(cyclohexane)

ST04333

137644-54-3

C23H33F3



min. 99.5 % (GC);

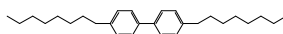
mesophase behaviour: Cr 87 M 101 I

4,4'-Dioctylbiphenyl

ST06290

26916-71-2

C28H42



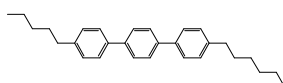
min. 99,5 % (GC)

4-Hexyl-4''-pentyl-p-terphenyl

ST06204

497263-86-2

C29H36



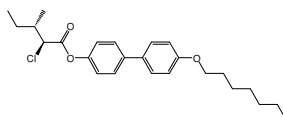
min. 98 % (GC)

(2S,3S)-4'-(Heptyloxy)biphenyl-4-yl 2-chloro-3-methylpentanoate

ST06228

139030-69-6

C25H33ClO3



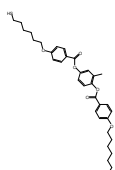
min. 98 % (GC)

2-methyl-1,4-phenylene bis(4-(6-mercaptohexyloxy)benzoate)

ST06489

C33H40O6S2

NEW

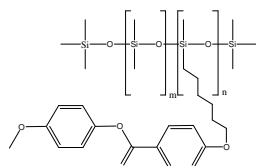


min 97 %

(4-Methoxyphenyl 4-(hexyloxy)benzoate)siloxane dimethylsiloxane copolymer

ST05980

C144H210O37Si14



INQUIRIES and ORDERS

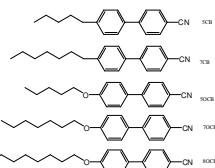
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LIQUID CRYSTALS: MIXTURES

Liquid crystal mixture E5

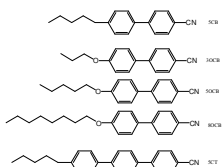
ST06241



C_xH_yO_zN_w

Liquid crystal mixture E8

ST06242



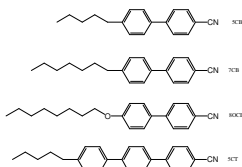
C_xH_yO_zN_w

Liquid crystal mixture E7

ST04287

63748-28-7

C_xH_yO_zN_w



water: max. 0.1 % (KF)

mesophase behaviour: Cr 58 N 60 I

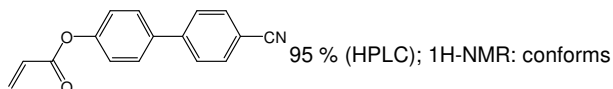
nematic LC-mixture for electronic applications; nematic between minus 60 to plus 60°C;

LIQUID CRYSTALS: REACTIVE MESOGENS - MONOFUNCTIONAL

Acrylic-4'-cyano-4-biphenylester

ST06487

67483-58-3



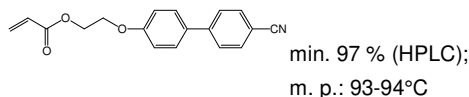
C16H11NO2

NEW

Acrylic acid 2-(4'-cyano-biphenyl-4-yloxy)ethyl ester

ST04570

80122-94-7

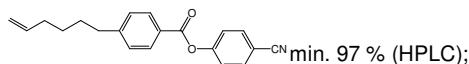


C18H15NO3

4-Hex-5-enyl-benzoic acid 4-cyano-phenyl ester

ST05885

189027-29-0

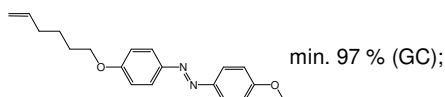


C20H19NO2

E-(4-Hex-5-enyloxyphenyl)-(4-methoxyphenyl)diazene

ST05887

195058-84-5

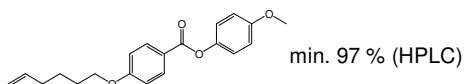


C19H22N2O2

4-Methoxyphenyl 4-(hex-5-enyloxy)benzoate

ST06482

76487-58-6



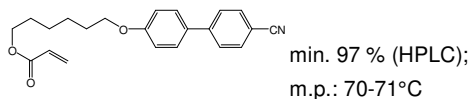
C20H22O4

NEW

6-(4-Cyano-biphenyl-4'-yloxy)hexyl acrylate

ST03474

89823-23-4

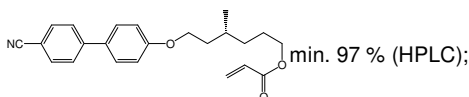


C22H23NO3

(S)-6-(4'-cyanobiphenyl-4-yloxy)-4-methylhexyl acrylate

ST06126

247191-70-4



C23H25NO3

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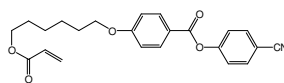
LIQUID CRYSTALS: REACTIVE MESOGENS - MONOFUNCTIONAL

4[4[6-Acryloxyhex-1-yl)oxyphenyl]carboxybenzotrile

ST02670

83847-14-7

C23H23NO5



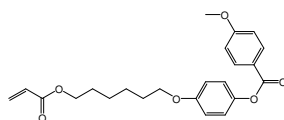
min. 97 % (HPLC);
m. p.: 78-80°C

4-Methoxybenzoic acid 4-(6-acryloyloxyhexyloxy)phenyl ester

ST03866

130953-14-9

C23H26O6



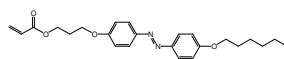
min. 97 % (HPLC);
mesophase behaviour: Cr 55 (N 44) I

Acrylic acid 3-[4-(4-hexyloxyphenylazo)phenoxy]propyl ester

ST06065

210281-65-5

C24H30N2O4

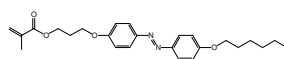


min. 97 % (HPLC);

2-Methylacrylic acid 3-[4-(4-hexyloxyphenylazo)phenoxy]propyl ester

ST06064

C25H32N2O4



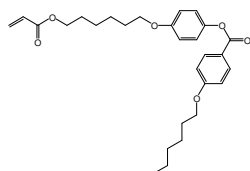
min. 97 % (HPLC);

4-(6-Acryloxy-hex-1-yl-oxy)phenyl 4-(hexyloxy)benzoate

ST03457

863394-23-4

C28H36O6



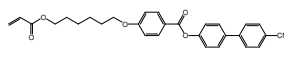
min. 98 % (HPLC);
mesophase behaviour: Cr 54 N 67 I

4[4[6-Acryloxyhex-1-yl)-oxyphenyl]carboxy-biphenyl-4'-carbonitrile

ST02669

130166-92-6

C29H27NO5



min. 97 % (HPLC);
mesophase behaviour: Cr 109-113 M1 172-174 M2 220 I

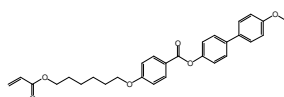
4'-Methoxybiphenyl-4-yl 4-(6-(acryloyloxy)hexyloxy)benzoate

ST06446

83847-16-9

C29H30O6

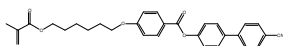
NEW



LIQUID CRYSTALS: REACTIVE MESOGENS - MONOFUNCTIONAL

4'-Cyanobiphenyl-4-yl 4-(6-(methacryloyloxy)hexyloxy)benzoate

ST06448



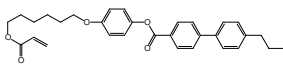
141087-01-6

C30H29NO5

NEW

4'-Propylbiphenyl-4-carboxylic acid 4-(acryloyloxyhexyloxy)phenyl ester

ST05867



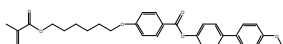
min. 98 % (HPLC);

mesophase behaviour: Cr 97.5 M 164.2 I

C31H34O5

4'-Methoxybiphenyl-4-yl 4-(6-(methacryloyloxy)hexyloxy)benzoate

ST06447



min. 97 % (HPLC)

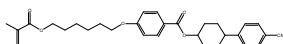
68540-05-6

C30H32O6

NEW

4-(4-Cyanophenyl)cyclohexyl 4-(6-(methacryloyloxy)hexyloxy)benzoate

ST06449



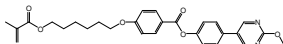
min. 97 % (HPLC)

C30H35NO5

NEW

4-(2-Methoxypyrimidin-5-yl)phenyl 4-(6-(methacryloyloxy)hexyloxy)benzoate

ST06462



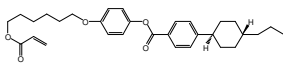
min. 96 % HPLC; 1H-NMR: conforms

C28H30N2O6

NEW

4-(6-(Acryloyloxy)hexyloxy)phenyl 4-(trans-4-propylcyclohexyl)benzoate

ST05874



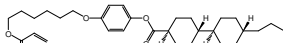
min. 98 % (HPLC);

m. p.: 66-67°C

C31H40O5

trans,trans-4-(6-(Acryloyloxy)hexyloxy)phenyl 4'-propylbi(cyclohexane)-4-carboxylate

ST04717



min. 99 % (HPLC);

m. p.: 63-65°C

C31H46O5

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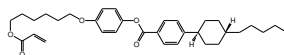
LIQUID CRYSTALS: REACTIVE MESOGENS - MONOFUNCTIONAL

4-(4-Pentylcyclohexyl)benzoic acid 4-(6-acryloyloxyhexyloxy)phenyl ester

ST04654

196881-65-9

C33H44O5



min. 97 % (HPLC);

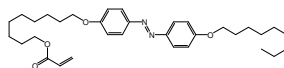
mesophase behaviour: Cr 80 N 161 I;

9-(4-(4-Nonyloxyphenylazo)phenoxy)acrylate

ST04180

1062044-75-0

C33H48N2O4



min. 93 % (HPLC);

mesophase behaviour: Cr 64 Sm 97 I

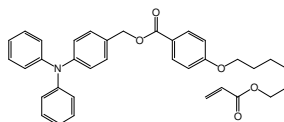
photomobile reactive mesogen, cis/trans-isomerization under irradiation with UV-light; precursor for polymers (artificial muscles);

4-(Diphenylamino)benzyl-4-(6-acryloyloxy)-(hexyloxy)benzoate

ST06484

C35H35NO5

NEW

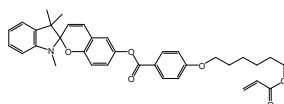


min. 96 % (HPLC); 1H-NMR: conforms

1',3',3'-Trimethylspiro[chromene-2,2'-indoline]-6-yl 4-(6-(acryloyloxy)hexyloxy)benzoate

ST04718

C35H37NO6



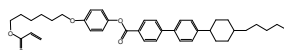
min. 95 % (HPLC);

photochromic reactive mesogen;

4-(6-(acryloyloxy)hexyloxy)phenyl 4'-(4-pentylcyclohexyl)biphenyl-4-carboxylate

ST06115

C39H48O5



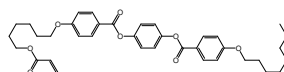
min. 95 % (HPLC);

4-(4-(6-(acryloyloxy)hexyloxy)benzoyloxy)phenyl 4-(octyloxy)benzoate

ST06013

193146-12-2

C37H44O8



min. 95 % (HPLC)

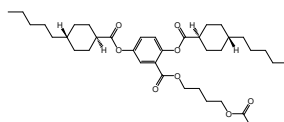
m. p.: 99°C:

2-((4-(Acryloyloxy)butoxy)carbonyl)-1,4-phenylene bis(4-butoxybenzoate)

ST06458

C36H40O10

NEW



95 % (1H-NMR)

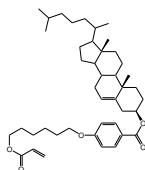
LIQUID CRYSTALS: REACTIVE MESOGENS - MONOFUNCTIONAL

Cholesteryl [4-(6-acryloyloxy)hexyloxy]benzoate

ST03952

206053-52-3

C43H64O5



min. 95 % (HPLC);

mesophase behaviour: Cr 73 N* 99 I

chiral reactive mesogen;

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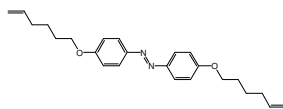
LIQUID CRYSTALS: REACTIVE MESOGENS - BIFUNCTIONAL

E-1,2-Bis(4-hex-5-enyloxyphenyl)diazene

ST05888

1007319-13-2

C24H30N2O2



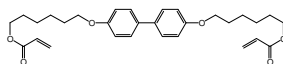
min. 97 % (GC); 1H-NMR: conforms;

Acrylic acid 6-[4'-(6-acryloyloxy-hexyloxy)biphenyl-4-yloxy]hexyl ester

ST03776

125337-31-7

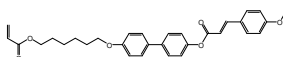
C30H38O6



min. 96 % (HPLC);
m. p.: 79-82°C;

(E)-4'-(6-(Methacryloyloxy)hexyloxy)biphenyl-4-yl 3-(4-methoxyphenyl)acrylate

ST06496



min. 95 % (HPLC); 1H-NMR: conforms

C31H32O6

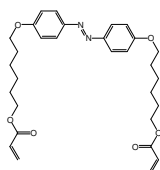
NEW

4,4'-Bis(6-acryloyloxyhexyloxy)azobenzene

ST06080

1011714-83-2

C30H38N2O6



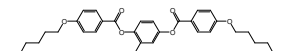
min. 95 % (HPLC);

2-Methyl-1,4-phenylene bis(4-(hex-5-enyloxy)benzoate)

ST06445

188639-02-3

C33H36O6

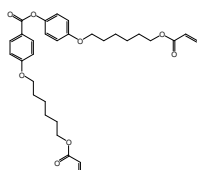


97 - 100 % (HPLC); 1H-NMR: conforms

NEW

4-(6-(Acryloyloxy)hexyloxy)phenyl 4-(6-(acryloyloxy)hexyloxy)benzoate

ST06512



98 % (HPLC); 1H-NMR, IR: conforms

C31H38O8

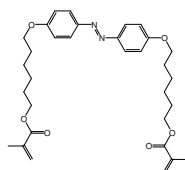
NEW

4,4'-Bis(6-methacryloyloxyhexyloxy)azobenzene

ST06016

874111-00-9

C32H42N2O6

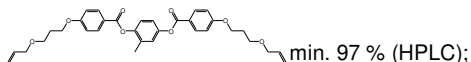


min. 95 % (HPLC); 1H-NMR conforms;

LIQUID CRYSTALS: REACTIVE MESOGENS - BIFUNCTIONAL

2-Methyl-1,4-phenylene bis(4-(3-(allyloxy)propoxy)benzoate)

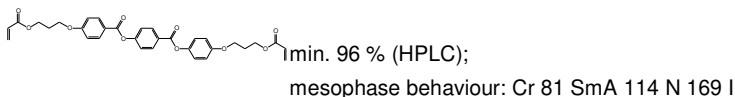
ST06090



C33H36O8

4-{{4-[3-(Acryloyloxy)propoxy]phenoxy}carbonyl}phenyl 4-(3-(acryloyloxy)propoxy)benzoate

ST04315



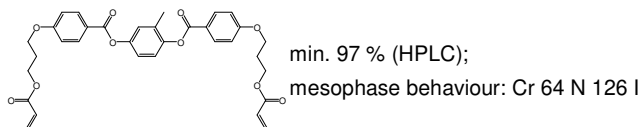
C32H30O10

1,4-Bis-[4-(3-acryloyloxypropyloxy)benzoyloxy]-2-methylbenzene

ST03021

174063-87-7

C33H32O10

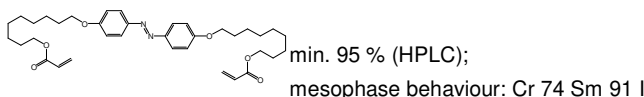


4,4'-Bis[9-(acryloyloxy)nonyloxy]azobenzene

ST04181

864711-37-5

C36H50N2O6



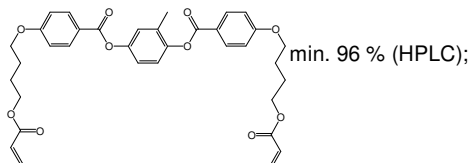
photomobile reactive mesogen, cis/trans-isomerization under irradiation with UV-light; precursor for polymers (artificial muscles);

1,4-Bis[4-(3-acryloyloxybutyloxy)benzoyloxy]-2-methylbenzene

ST04501

146184-09-0

C35H36O10

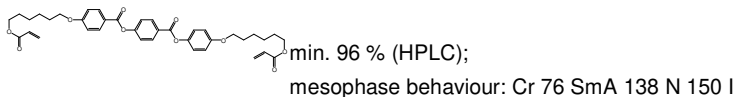


4-{{4-[6-(Acryloyloxy)hexyloxy]phenoxy}carbonyl}phenyl 4-(6-(acryloyloxy)hexyloxy)benzoate

ST04321

161841-15-2

C38H42O10

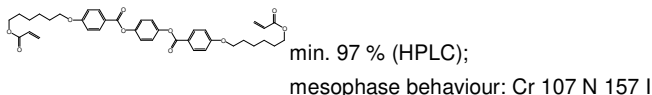


1,4-Phenylene bis(4-(6-(acryloyloxy)hexyloxy)benzoate)

ST05953

161841-15-2

C38H42O10



INQUIRIES and ORDERS

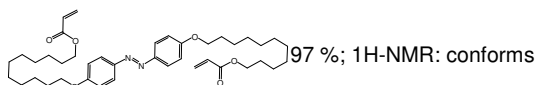
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LIQUID CRYSTALS: REACTIVE MESOGENS - BIFUNCTIONAL

4,4'-Bis(11-(acryloyloxy)undecyloxy)azobenzene

ST06478



C40H58N2O6

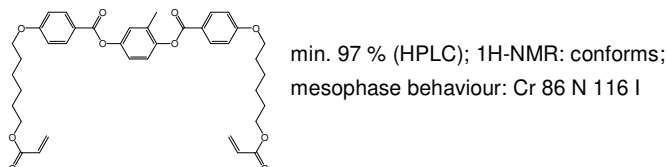
NEW

1,4-Bis-[4-(6-acryloyloxyhexyloxy)benzoyloxy]-2-methylbenzene

ST00975

125248-71-7

C39H44O10

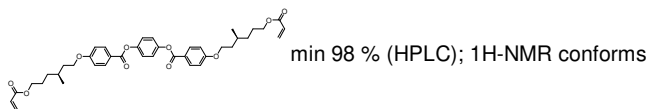


(S)-1,4-phenylene bis(4-((S)-6-(acryloyloxy)-3-methylhexyloxy)benzoate)

ST06277

164590-18-5

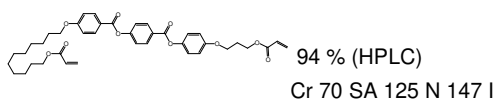
C40H46O10



4-((4-(3-(acryloyloxy)propoxy)phenoxy)carbonyl)phenyl 4-(11-(acryloyloxy)undecyloxy)benzoate

ST06279

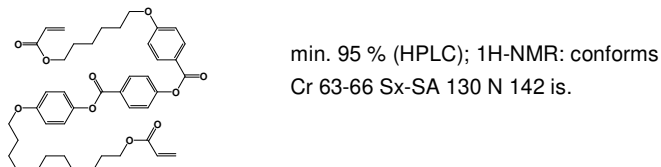
C40H46O10



4-((4-(6-(Acryloyloxy)hexyloxy)phenoxy)carbonyl)phenyl 4-(11-(acryloyloxy)undecyloxy)benzoate

ST06211

C43H52O10

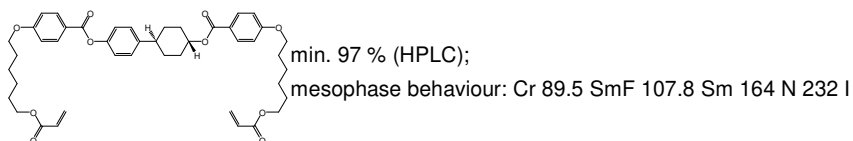


6-[4-[4-(Acryloyloxy)hexyloxy]cyclohexyl]phenoxyhexyl acrylate

ST01011

216879-99-1

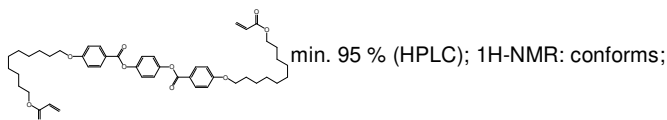
C44H52O10



1,4-phenylene bis(4-(10-(acryloyloxy)decyloxy)benzoate)

ST06251

C46H58O10



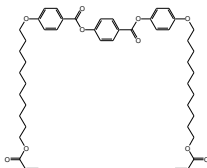
LIQUID CRYSTALS: REACTIVE MESOGENS - BIFUNCTIONAL

4-((4-(11-(acryloyloxy)undecyloxy)phenoxy)carbonyl)phenyl 4-(11-(acryloyloxy)undecyloxy)benzoate

ST04666

132900-74-4

C48H62O10



min. 95 % (HPLC);

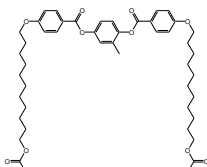
mesophase behaviour: Cr 66 M1 90 M2 130 I

1,4-Bis[4-(11-acryloyloxyundecyloxy)benzoyloxy]-2-methylbenzene

ST04587

215304-94-2

C49H64O10



min. 95 % (HPLC);

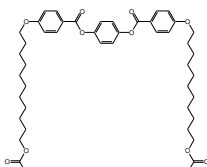
mesophase behaviour: Cr 72-75 SmX 86 SmY 93 I

1,4-Bis[4-(11-acryloyloxyundecyloxy)benzoyloxy]benzene

ST06132

132900-74-4

C48H62O10

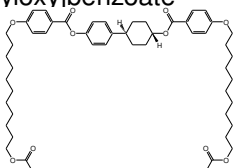


min. 96 % (HPLC);

4-{4-[4-[11-(Acryloyloxy)undecyloxy]benzoyloxy]cyclohexyl}phenyl 4-[11-(acryloyloxy)undecyloxy]benzoate

ST04674

C54H72O10



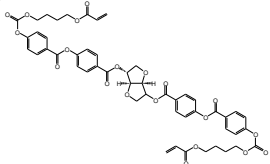
min. 95 % (HPLC);

(3R,3aS,6aS)-Hexahydrofuro[3,2-b]furan-3,6-diyl bis(4-(4-((4-(acryloyloxy)butoxy)carbonyloxy)benzoyloxy)benzoate)

ST06287

223572-88-1

C50H46O20



LC756

min. 90 % (HPLC)

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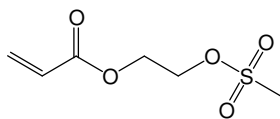
LC-POLYMER PRECURSORS: ACRYLATES AND METHACRYLATES

Acrylic acid 2-(methanesulfonyloxy)ethyl ester

ST04313

89599-42-8

C6H10O5S



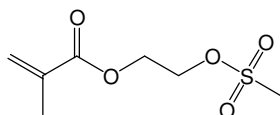
min. 94 % (GC); 1H-NMR conforms

Methacrylic acid 2-(methanesulfonyloxy)ethyl ester

ST04314

16081-17-7

C7H12O5S



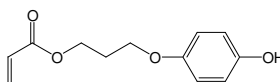
min. 94 % (GC); 1H-NMR conforms

Acrylic acid 3-(4-hydroxy-phenoxy)propyl ester

ST04327

1092853-38-7

C12H14O4



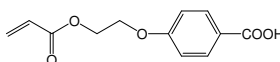
min. 98 % (HPLC);

4-(2-Acryloyloxyeth-1-yloxy)benzoic acid

ST01630

69260-38-4

C12H12O5



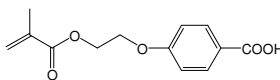
min. 95 % (HPLC);
m. p.: 143-147°C

4-(2-Methacryloyloxyeth-1-yloxy)benzoic acid

ST01889

69260-39-5

C13H14O5



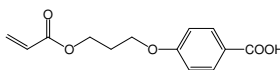
min. 97 % (HPLC);
m. p.: 145-147°C

4-(3-Acryloxy-n-prop-1-yloxy)benzoic acid

ST02453

245349-46-6

C13H14O5



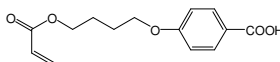
min. 96 % (HPLC);
m. p.: 123-125°C

4-(4-Acryloyloxy-n-but-1-yloxy)benzoic acid

ST01680

69260-42-0

C14H16O5



min. 96 % (HPLC)

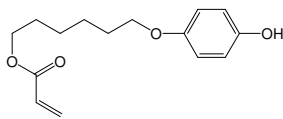
LC-POLYMER PRECURSORS: ACRYLATES AND METHACRYLATES

4-(6-Acryloyloxy-n-hex-1-yloxy)phenol

ST03456

161841-12-9

C15H20O4



min. 98 % (HPLC);

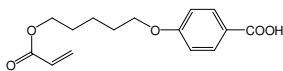
m. p.: 53-56°C

4-(5-Acryloxy-pentyl-1-oxy)benzoic acid

ST02454

167771-51-9

C15H18O5



min. 96% HPLC;

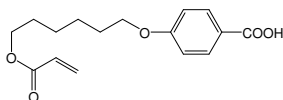
mesophase behaviour: Cr 97 N 110 I

4-(6-Acryloyloxy-n-hex-1-yloxy)benzoic acid

ST00902

83883-26-5

C16H20O5



min. 96 % (HPLC);

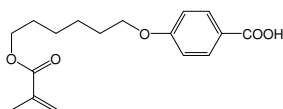
m. p.: 90-93°C

4-(6-Methacryloyloxy-n-hex-1-yloxy)benzoic acid

ST01618

91652-00-5

C17H22O5



min. 96 % (HPLC);

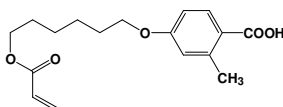
m. p.: 87-92°C

4-(6-Acryloyloxy-n-hex-1-yloxy)-2-methylbenzoic acid

ST03606

325976-65-6

C17H22O5



min. 95 % (HPLC);

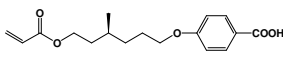
m. p.: 68-75°C

(S)-4-(6-(Acryloyloxy)-4-methylhexyloxy)benzoic acid

ST06347

164590-17-4

C17H22O5



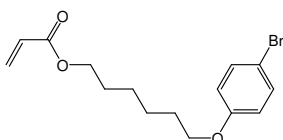
96,00 - 100,00 % (HPLC)

6-(4-Bromophenoxy)hexyl acrylate

ST06335

1431880-70-4

C15H19BrO3



¹H-NMR: conforms

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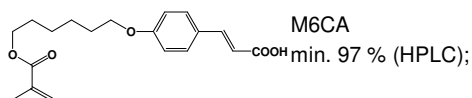
LC-POLYMER PRECURSORS: ACRYLATES AND METHACRYLATES

2-Methylacrylic acid 6-[4-(2-carboxyvinyl)phenoxy]hexyl ester

ST05958

125274-23-9

C19H24O5

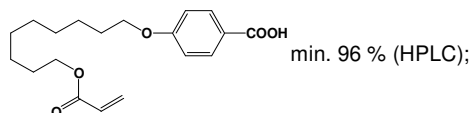


4-(11-Acryloyloxy-n-non-1-yloxy)benzoic acid

ST04572

186046-62-8

C19H26O5

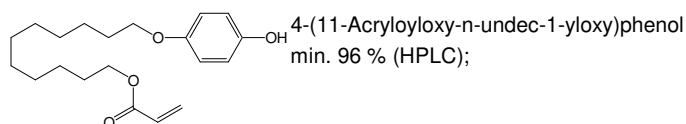


Acrylic acid 11-(4-hydroxyphenoxy)undecyl ester

ST04667

250593-96-5

C20H30O4

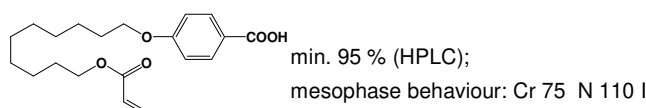


4-(10-Acryloyloxy-n-dec-1-yloxy)benzoic acid

ST03604

143203-04-7

C20H28O5

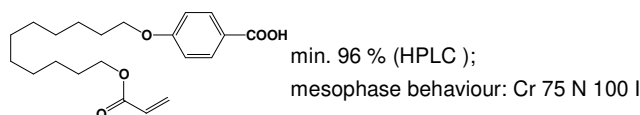


4-(11-Acryloyloxy-n-undec-1-yloxy)benzoic acid

ST04463

106620-90-0

C21H30O5

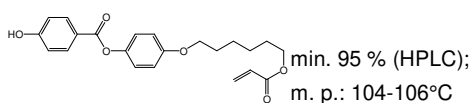


4-Hydroxybenzoic acid 4-[(6-acryloyloxy)hexyloxy]phenyl ester

ST04354

161841-14-1

C22H24O6



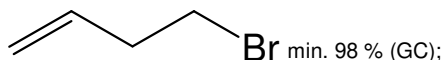
LC-POLYMER PRECURSORS: SPACERS

4-Bromo-1-butene

ST00864

5162-44-7

C₄H₇Br

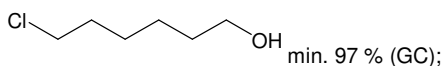


6-Chloro-1-hexanol

ST01359

2009-83-8

C₆H₁₃ClO

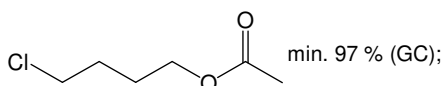


4-Chlorobutyl acetate

ST01168

6962-92-1

C₆H₁₁ClO₂

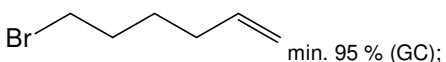


6-Bromo-1-hexene

ST03780

2695-47-8

C₆H₁₁Br

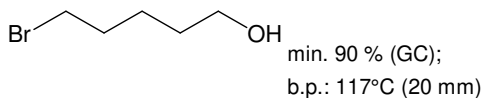


5-Bromo-1-pentanol

ST01740

34626-51-2

C₅H₁₁BrO

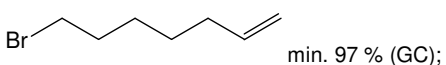


7-Bromo-1-heptene

ST05905

4117-09-3

C₇H₁₃Br

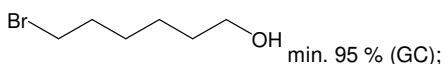


6-Bromo-1-hexanol

ST01360

4286-55-9

C₆H₁₃BrO



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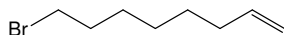
LC-POLYMER PRECURSORS: SPACERS

8-Bromo-1-octene

ST06164

2695-48-9

C8H15Br



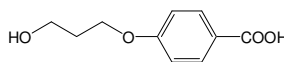
min.97 % (GC);

4-(3-Hydroxy-propyloxy)benzoic acid

ST05936

46350-87-2

C10H12O4



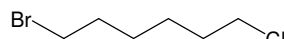
min. 97 % (HPLC);
m. p.: 145-150°C

1-Bromo-6-chlorohexane

ST03808

6294-17-3

C6H12BrCl



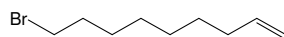
min. 97 % (GC);

9-Bromo-1-nonene

ST02929

89359-54-6

C9H17Br



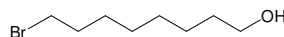
min. 95 % (GC);

8-Bromo-1-octanol

ST01670

50816-19-8

C8H17BrO



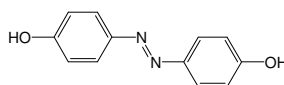
min. 95 % (GC);

4,4'-(1,2-Diazenediyl)bisphenol

ST04178

2050-16-0

C12H10N2O2



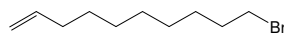
4,4'-Dihydroxyazobenzene
min. 97 % (HPLC); 1H-NMR conforms;
m. p.: 217-221°C

10-Bromo-1-decene

ST01247

62871-09-4

C10H19Br



min. 96 % (GC);

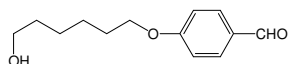
LC-POLYMER PRECURSORS: SPACERS

4-(6-Hydroxyhexyloxy)benzaldehyde

ST05957

96735-91-0

C13H18O3



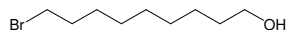
min. 97 % (GC);

9-Bromo-1-nonanol

ST01739

55362-80-6

C9H19BrO



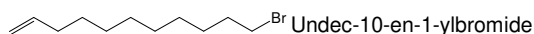
min. 97 % (GC);

11-Bromo-1-undecene

ST00724

7766-50-9

C11H21Br



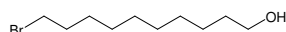
min. 97 % (GC);

10-Bromo-1-decanol

ST00914

53463-68-6

C10H21BrO



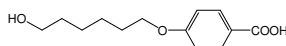
min. 95 % (GC);

4-(6-Hydroxyhexyloxy)benzoic acid

ST04135

83883-25-4

C13H18O4



min. 97 % (HPLC);

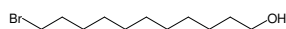
m. p.: 138.8°C

11-Bromo-1-undecanol

ST01660

1611-56-9

C11H23BrO



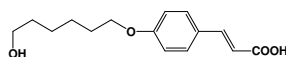
min. 97 % (GC);

3-[4-(6-Hydroxyhexyloxy)phenyl]acrylic acid

ST05999

503000-67-7

C15H20O4



min. 97 % (HPLC);

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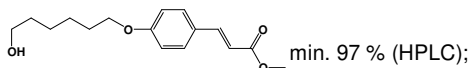
LC-POLYMER PRECURSORS: SPACERS

3-[4-(6-Hydroxyhexyloxy)phenyl]acrylic acid methyl ester

ST06000

878283-77-3

C16H22O4

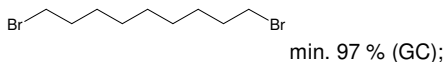


1,9-Dibromononane

ST04255

4549-33-1

C9H18Br2

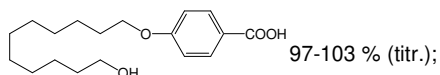


4-(11-Hydroxyundecyloxy)benzoic acid

ST04554

59100-59-3

C18H28O4

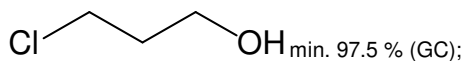


3-Chloro-1-propanol

ST04082

627-30-5

C3H7ClO



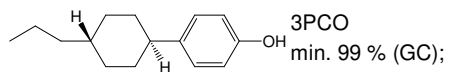
PRECURSORS FOR LIQUID CRYSTALS: 4-(TRANS-4-ALKYLCYCLOHEXYL)PHENOLS

trans-4-(4'-n-Propylcyclohexyl)phenol

ST03931

81936-33-6

C15H22O

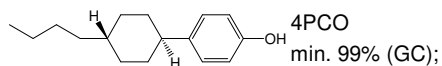


trans-4-(4'-n-Butylcyclohexyl)phenol

ST03932

88581-00-4

C16H24O

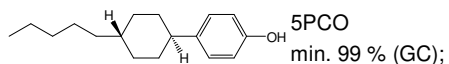


trans-4-(4'-n-Pentylcyclohexyl)phenol

ST03933

82575-69-7

C17H26O

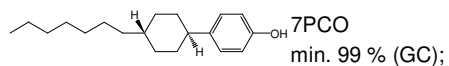


trans-4-(4'-n-Heptylcyclohexyl)phenol

ST04097

90525-37-4

C19H30O



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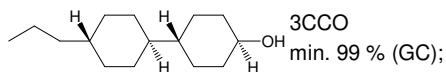
PRECURSORS FOR LIQUID CRYSTALS: TRANS-4-ALKYL-1,1'-BI(CYCLOHEXAN)-4-OLS

trans-4-(trans-4-n-Propylcyclohexyl)cyclohexanol

ST03934

82832-72-2

C15H28O

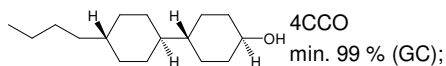


trans-4-(trans-4-n-Butylcyclohexyl)cyclohexanol

ST03935

88580-99-8

C16H30O

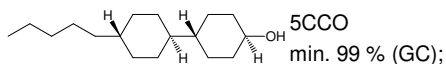


trans-4-(trans-4-n-Pentylcyclohexyl)cyclohexanol

ST03936

82575-70-0

C17H32O

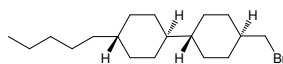


(trans,trans)-4-(Bromomethyl)-4'-pentyl-1,1'-bicyclohexyl

ST06370

82575-65-3

C18H33Br



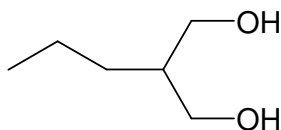
PRECURSORS FOR LIQUID CRYSTALS: 2-ALKYL-PROPANE-1,3-DIOLS

2-n-Propyl-propane-1,3-diol

ST00569

2612-28-4

C6H14O2



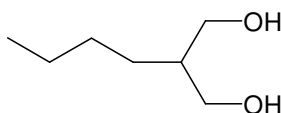
min. 98 % (GC);
b. p.: 96-98°C (4 mbar)

2-n-Butyl-propane-1,3-diol

ST00570

2612-26-2

C7H16O2



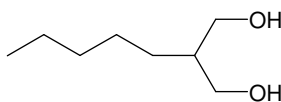
min. 97 % (GC);

2-n-Pentyl-propane-1,3-diol

ST00571

25462-23-1

C8H18O2



min. 97 % (GC);

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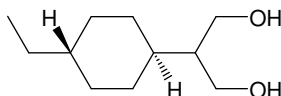
PRECURSORS FOR LIQUID CRYSTALS: TRANS-(ALKYLCYCLOHEXYL)PROPANE-1,3-DIOLES

2-(trans-4'-Ethylcyclohexyl)propane-1,3-diol

ST00994

93129-38-5

C11H22O2



min. 99 % (GC);

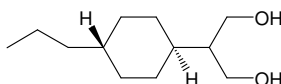
mesophase behaviour: Cr 54 Sm 84-85 I

2-(trans-4'-n-Propylcyclohexyl)propane-1,3-diol

ST00934

132310-86-2

C12H24O2



min. 99 % (GC);

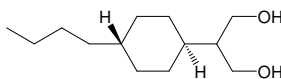
mesophase behaviour: Cr 63 Sm 102 I

2-(trans-4'-n-Butyl-cyclohexyl)propane-1,3-diol

ST00810

132310-87-3

C13H26O2



min. 99 % (GC);

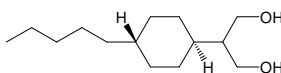
mesophase behaviour: Cr 64 Sm 113 I

2-(trans-4'-n-Pentylcyclohexyl)propane-1,3-diol

ST01288

93129-37-4

C14H28O2



min. 99 % (GC);

mesophase behaviour: Cr 70 Sm 114.5 I

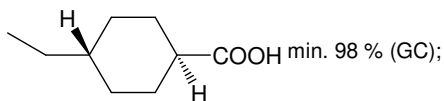
PRECURSORS FOR LIQUID CRYSTALS: TRANS-4-ALKYLCYCLOHEXANE-CARBOXYLIC ACIDS

trans-(4-Ethylcyclohexane)carboxylic acid

ST01116

6833-47-2

C9H16O2

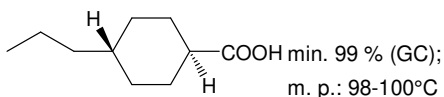


trans-(4-n-Propylcyclohexane)carboxylic acid

ST01369

38289-27-9

C10H18O2

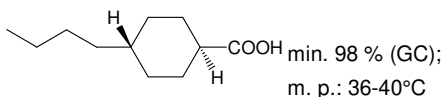


trans-(4-n-Butylcyclohexane)carboxylic acid

ST01370

38289-28-0

C11H20O2

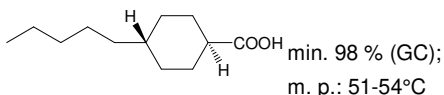


trans-(4-n-Pentylcyclohexane)carboxylic acid

ST01117

38289-29-1

C12H22O2

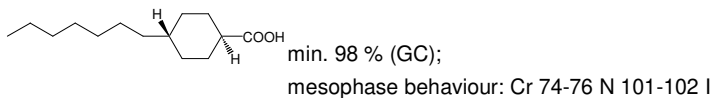


trans-(4-n-Heptylcyclohexane)carboxylic acid

ST05861

38289-31-5

C14H26O2



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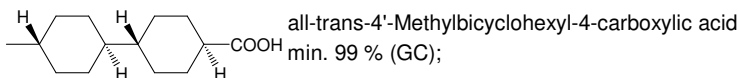
PRECURSORS FOR LIQUID CRYSTALS: 4-ALKYL-1,1'-BICYCLOHEXYL-4'-CARBOXYLIC ACIDS

trans-4-(trans-4'-Methylcyclohexyl)cyclohexane carboxylic acid

ST02507

1072109-04-6

C14H24O2

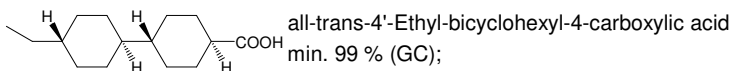


trans-4-(trans-4'-Ethylcyclohexyl)cyclohexane carboxylic acid

ST02200

84976-67-0

C15H26O2

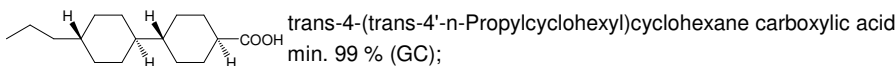


trans-4-(trans-4'-n-Propylcyclohexyl)cyclohexane carboxylic acid

ST02201

65355-32-0

C16H28O2

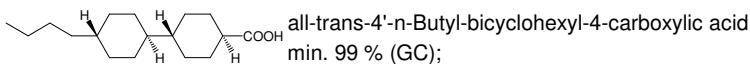


trans-4-(trans-4'-n-Butylcyclohexyl)cyclohexane carboxylic acid

ST02508

89111-63-7

C17H30O2

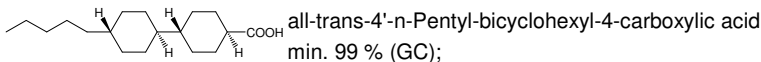


trans-4-(trans-4'-n-Pentylcyclohexyl)cyclohexane carboxylic acid

ST02202

65355-33-1

C18H32O2

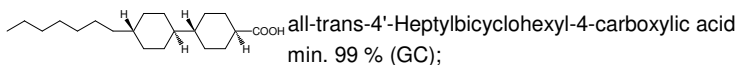


trans-4-(trans-4'-n-Heptylcyclohexyl)cyclohexane carboxylic acid

ST05947

65355-34-2

C20H36O2



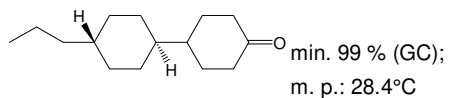
PRECURSORS FOR LIQUID CRYSTALS: 4-(4'-ALKYLCYCLOHEX-1-YL)CYCLO-
HEXANONES

4-(trans-4'-n-Propylcyclohexyl)cyclohexanone

ST01860

82832-73-3

C15H26O

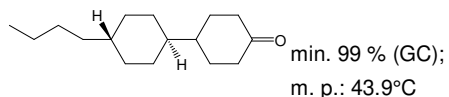


4-(trans-4'-n-Butylcyclohexyl)cyclohexanone

ST02056

92413-47-3

C16H28O

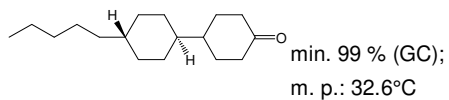


4-(trans-4'-n-Pentylcyclohexyl)cyclohexanone

ST01861

84868-02-0

C17H30O



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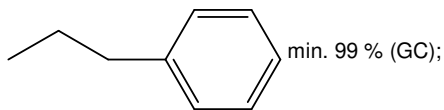
PRECURSORS FOR LIQUID CRYSTALS: ALKYL BENZENES

n-Propylbenzene

ST00714

103-65-1

C₉H₁₂

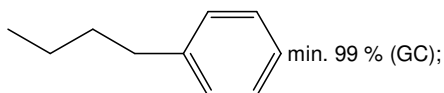


n-Butylbenzene

ST00715

104-51-8

C₁₀H₁₄

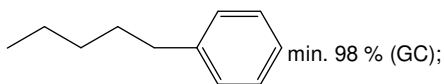


n-Pentylbenzene

ST00716

538-68-1

C₁₁H₁₆

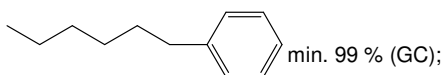


n-Hexylbenzene

ST00717

1077-16-3

C₁₂H₁₈

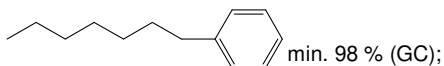


n-Heptylbenzene

ST00718

1078-71-3

C₁₃H₂₀

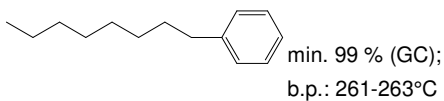


n-Octylbenzene

ST00719

2189-60-8

C₁₄H₂₂

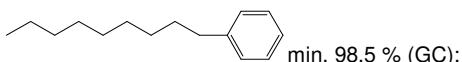


n-Nonylbenzene

ST00720

1081-77-2

C₁₅H₂₄



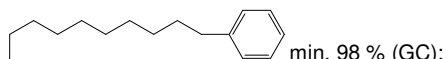
PRECURSORS FOR LIQUID CRYSTALS: ALKYL BENZENES

n-Decylbenzene

ST06121

104-72-3

C₁₆H₂₆

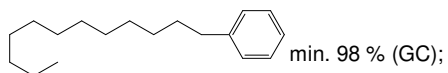


n-Dodecylbenzene

ST04421

123-01-3

C₁₈H₃₀

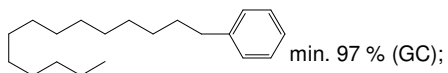


Tetradecylbenzene

ST03010

1459-10-5

C₂₀H₃₄

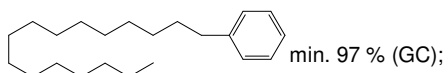


Hexadecylbenzene

ST03009

1459-09-2

C₂₂H₃₈

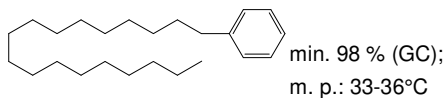


n-Octadecylbenzene

ST03174

4445-07-2

C₂₄H₄₂



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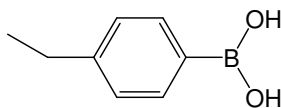
PRECURSORS FOR LIQUID CRYSTALS: 4-ALKYLPHENYLBORONIC ACIDS

(4-Ethylphenyl)boronic acid

ST03851

63139-21-9

C8H11BO2



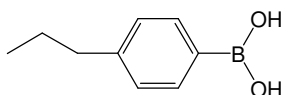
1H-NMR conforms;

(4-n-Propylphenyl)boronic acid

ST03852

134150-01-9

C9H13BO2



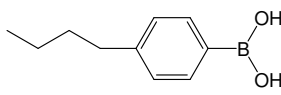
1H-NMR conforms;

(4-n-Butylphenyl)boronic acid

ST03853

145240-28-4

C10H15BO2



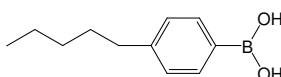
1H-NMR conforms;
m. p.: 91-97°C

(4-n-Pentylphenyl)boronic acid

ST03854

121219-12-3

C11H17BO2



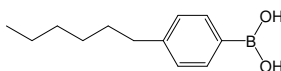
min. 98 % (HPLC); 1 H-NMR conforms;

(4-n-Hexylphenyl)boronic acid

ST03855

105365-50-2

C12H19BO2



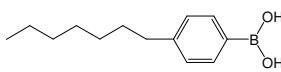
min. 98 % (HPLC); 1 H-NMR conforms;

(4-n-Heptylphenyl)boronic acid

ST03856

256383-44-5

C13H21BO2



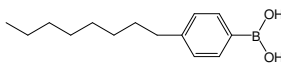
1H-NMR conforms;

(4-n-Octylphenyl)boronic acid

ST03857

133997-05-4

C14H23BO2



min. 98 % (HPLC); 1 H-NMR conforms;

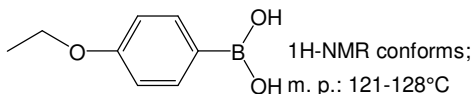
PRECURSORS FOR LIQUID CRYSTALS: 4-ALKOXYPHENYLBORONIC ACIDS

(4-n-Ethoxyphenyl)boronic acid

ST03858

22237-13-4

C8H11BO3

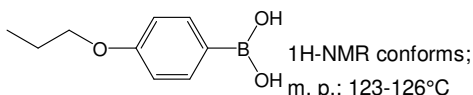


(4-n-Propoxyphenyl)boronic acid

ST03859

186497-67-6

C9H13BO3

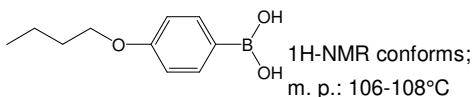


(4-n-Butoxyphenyl)boronic acid

ST03860

105365-51-3

C10H15BO3

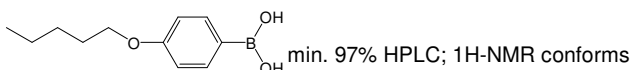


(4-n-Pentyloxyphenyl)boronic acid

ST03861

146449-90-3

C11H17BO3

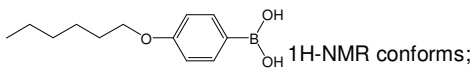


(4-n-Hexyloxyphenyl)boronic acid

ST03862

121219-08-7

C12H19BO3

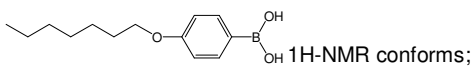


(4-n-Heptyloxyphenyl)boronic acid

ST03863

136370-19-9

C13H21BO3

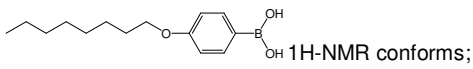


(4-n-Octyloxyphenyl)boronic acid

ST03864

121554-09-4

C14H23BO3



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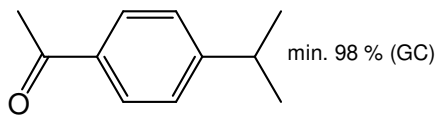
PRECURSORS FOR LIQUID CRYSTALS: 4-ALKYL-ACETOPHENONES

4'-Isopropylacetophenone

ST06423

645-13-6

C₁₁H₁₄O



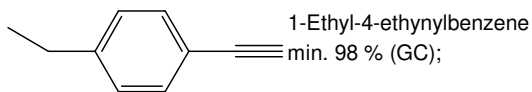
PRECURSORS FOR LIQUID CRYSTALS: 4-ALKYL-PHENYLACETYLENES

4-Ethylphenylacetylene

ST01596

40307-11-7

C10H10

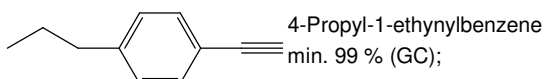


4-n-Propylphenylacetylene

ST01416

62452-73-7

C11H12

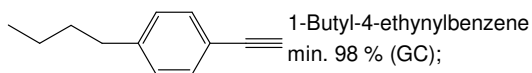


4-n-Butylphenylacetylene

ST04650

79887-09-5

C12H14

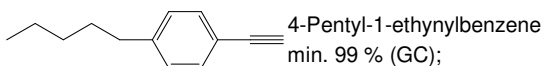


4-n-Pentylphenylacetylene

ST01417

79887-10-8

C13H16

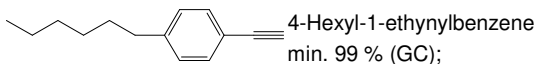


4-n-Hexylphenylacetylene

ST03262

79887-11-9

C14H18

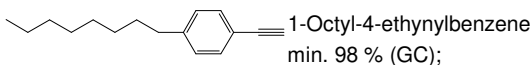


4-n-Octylphenylacetylene

ST04537

79887-13-1

C16H22



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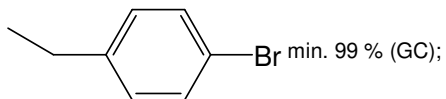
PRECURSORS FOR LIQUID CRYSTALS: 4-ALKYLBROMOBENZENES

1-Bromo-4-ethylbenzene

ST01281

1585-07-5

C₈H₉Br

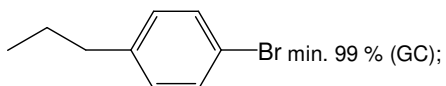


1-Bromo-4-n-propylbenzene

ST01282

588-93-2

C₉H₁₁Br

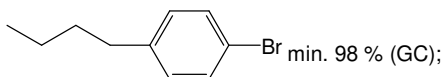


1-Bromo-4-n-butylbenzene

ST01283

41492-05-1

C₁₀H₁₃Br

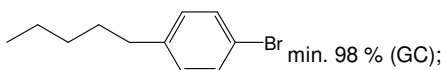


1-Bromo-4-n-pentylbenzene

ST01284

51554-95-1

C₁₁H₁₅Br

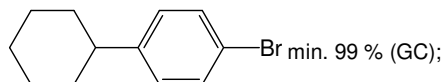


1-Bromo-4-cyclohexylbenzene

ST04414

25109-28-8

C₁₂H₁₅Br

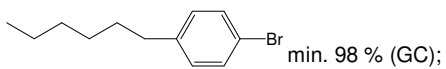


1-Bromo-4-n-hexylbenzene

ST01285

23703-22-2

C₁₂H₁₇Br

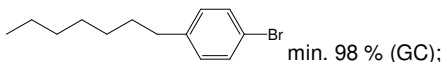


1-Bromo-4-n-heptylbenzene

ST01286

76287-49-5

C₁₃H₁₉Br



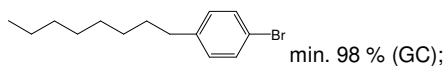
PRECURSORS FOR LIQUID CRYSTALS: 4-ALKYLBROMOBENZENES

1-Bromo-4-n-octylbenzene

ST01287

51554-93-9

C₁₄H₂₁Br

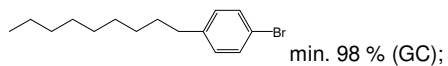


1-Bromo-4-n-nonylbenzene

ST04294

51554-94-0

C₁₅H₂₃Br



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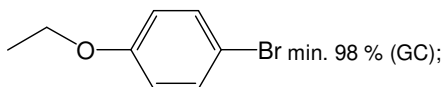
PRECURSORS FOR LIQUID CRYSTALS: 4-ALKOXYBROMOBENZENES

1-Bromo-4-ethoxybenzene

ST01274

588-96-5

C₈H₉BrO

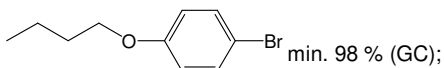


1-Bromo-4-n-butyloxybenzene

ST01276

39969-57-8

C₁₀H₁₃BrO

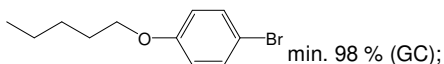


1-Bromo-4-n-pentyloxybenzene

ST01277

30752-18-2

C₁₁H₁₅BrO

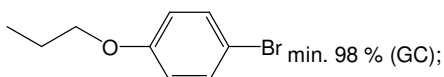


1-Bromo-4-n-propyloxybenzene

ST01275

39969-56-7

C₉H₁₁BrO

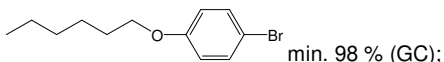


1-Bromo-4-n-hexyloxybenzene

ST01278

30752-19-3

C₁₂H₁₇BrO

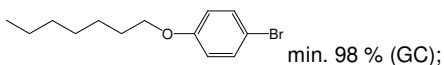


1-Bromo-4-n-heptyloxybenzene

ST01279

123732-04-7

C₁₃H₁₉BrO

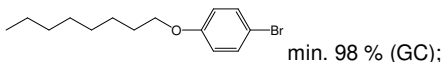


1-Bromo-4-n-octyloxybenzene

ST01280

96693-05-9

C₁₄H₂₁BrO



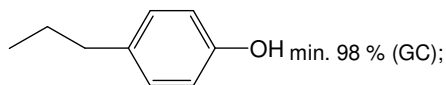
PRECURSORS FOR LIQUID CRYSTALS: 4-ALKYL- AND 4-CYANOPHENOLS

4-n-Propylphenol

ST00444

645-56-7

C₉H₁₂O

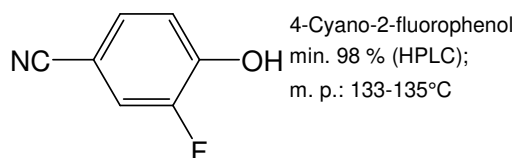


3-Fluoro-4-hydroxybenzonitrile

ST00732

405-04-9

C₇H₄FNO

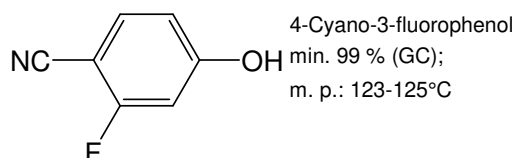


2-Fluoro-4-hydroxybenzonitrile

ST00733

82380-18-5

C₇H₄FNO

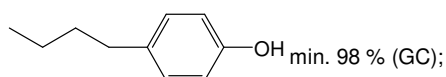


4-n-Butylphenol

ST00445

1638-22-8

C₁₀H₁₄O

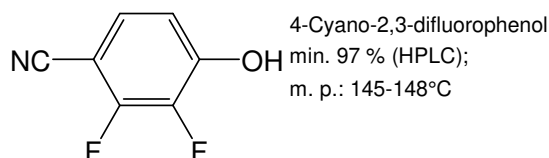


2,3-Difluoro-4-hydroxybenzonitrile

ST00734

126162-38-7

C₇H₃F₂NO

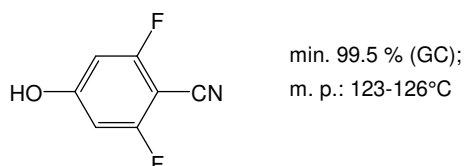


2,6-Difluoro-4-hydroxybenzonitrile

ST02863

123843-57-2

C₇H₃F₂NO

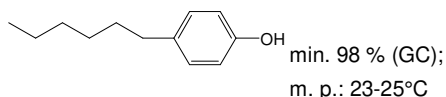


4-n-Pentylphenol

ST00446

14938-35-3

C₁₁H₁₆O



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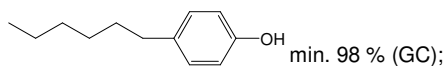
PRECURSORS FOR LIQUID CRYSTALS: 4-ALKYL- AND 4-CYANOPHENOLS

4-n-Hexylphenol

ST00447

2446-69-7

C₁₂H₁₈O

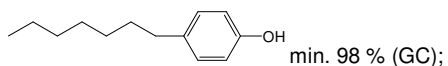


4-n-Heptylphenol

ST00448

1987-50-4

C₁₃H₂₀O

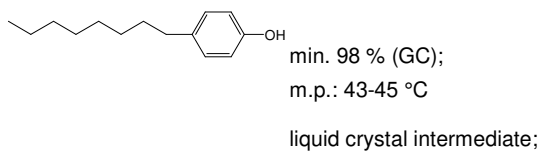


4-n-Octylphenol

ST00449

1806-26-4

C₁₄H₂₂O

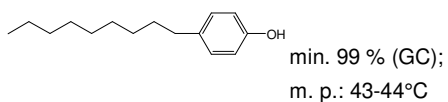


4-n-Nonylphenol

ST01067

104-40-5

C₁₅H₂₄O

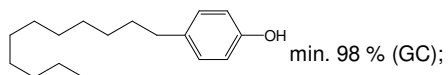


4-Undecylphenol

ST06237

20056-73-9

C₁₇H₂₈O



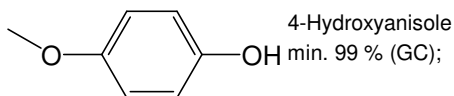
PRECURSORS FOR LIQUID CRYSTALS: 4-ALKOXYPHENOLS

4-Methoxyphenol

ST01293

150-76-5

C₇H₈O₂

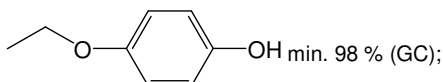


4-Ethoxyphenol

ST00436

622-62-8

C₈H₁₀O₂

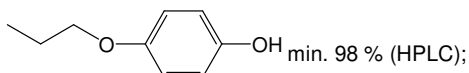


4-n-Propyloxyphenol

ST00437

18979-50-5

C₉H₁₂O₂

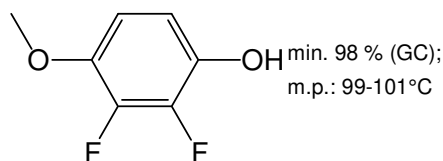


2,3-Difluoro-4-methoxyphenol

ST03659

261763-29-5

C₇H₆F₂O₂

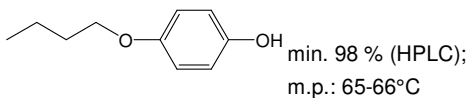


4-n-Butyloxyphenol

ST00438

122-94-1

C₁₀H₁₄O₂

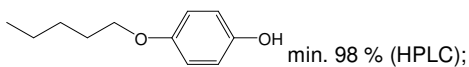


4-n-Pentyloxyphenol

ST00439

18975-53-8

C₁₁H₁₆O₂

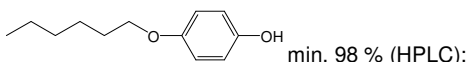


4-n-Hexyloxyphenol

ST00440

18979-55-0

C₁₂H₁₈O₂



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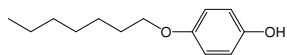
PRECURSORS FOR LIQUID CRYSTALS: 4-ALKOXYPHENOLS

4-Heptyloxyphenol

ST00441

13037-86-0

C₁₃H₂₀O₂



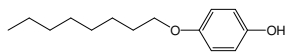
min. 98 % (HPLC);

4-n-Octyloxyphenol

ST00442

3780-50-5

C₁₄H₂₂O₂



min. 98 % (HPLC);

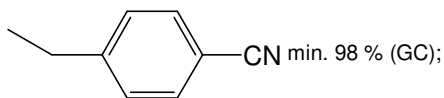
PRECURSORS FOR LIQUID CRYSTALS: 4-ALKYLBENZONITRILES

4-Ethylbenzonitrile

ST00429

25309-65-3

C₉H₉N

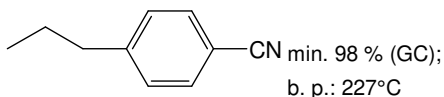


4-n-Propylbenzonitrile

ST00430

60484-66-4

C₁₀H₁₁N

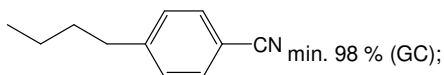


4-n-Butylbenzonitrile

ST00431

20651-73-4

C₁₁H₁₃N

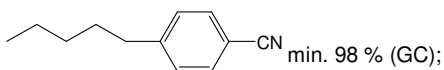


4-n-Pentylbenzonitrile

ST00432

10270-29-8

C₁₂H₁₅N

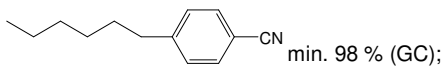


4-n-Hexylbenzonitrile

ST00433

29147-95-3

C₁₃H₁₇N

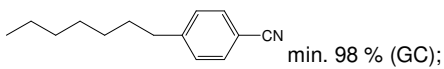


4-n-Heptylbenzonitrile

ST00434

60484-67-5

C₁₄H₁₉N

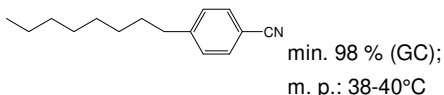


4-n-Octylbenzonitrile

ST00435

60484-68-6

C₁₅H₂₁N



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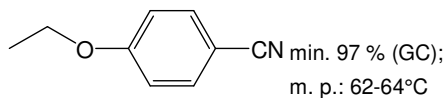
PRECURSORS FOR LIQUID CRYSTALS: 4-ALKOXYBENZONITRILES

4-Ethoxybenzonitrile

ST00422

25117-74-2

C9H9NO

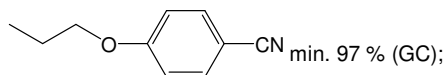


4-n-Propoxybenzonitrile

ST00423

60758-84-1

C10H11NO

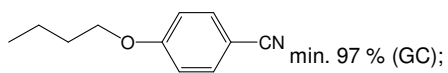


4-n-Butyloxybenzonitrile

ST00424

5203-14-5

C11H13NO

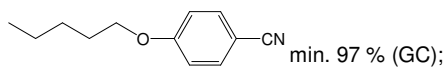


4-n-Pentyloxybenzonitrile

ST00425

120893-63-2

C12H15NO

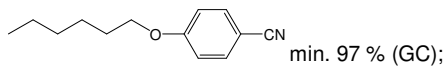


4-n-Hexyloxybenzonitrile

ST00426

66052-06-0

C13H17NO

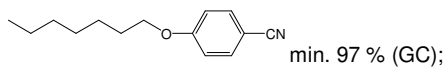


4-n-Heptyloxybenzonitrile

ST00427

29147-88-4

C14H19NO

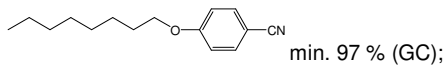


4-n-Octyloxybenzonitrile

ST00428

88374-55-4

C15H21NO



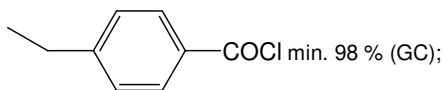
PRECURSORS FOR LIQUID CRYSTALS: 4-ALKYLBENZOYL CHLORIDES

4-Ethylbenzoyl chloride

ST00415

16331-45-6

C₉H₉ClO

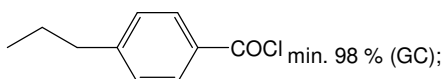


4-n-Propylbenzoyl chloride

ST00416

52710-27-7

C₁₀H₁₁ClO

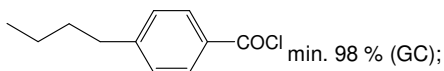


4-n-Butylbenzoyl chloride

ST00417

28788-62-7

C₁₁H₁₃ClO

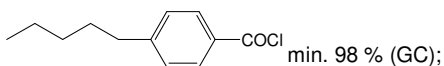


4-n-Pentylbenzoyl chloride

ST00418

49763-65-7

C₁₂H₁₅ClO

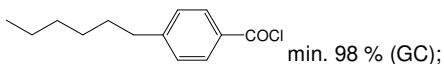


4-n-Hexylbenzoyl chloride

ST00419

50606-95-6

C₁₃H₁₇ClO

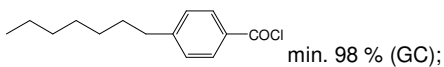


4-n-Heptylbenzoyl chloride

ST00420

50606-96-7

C₁₄H₁₉ClO

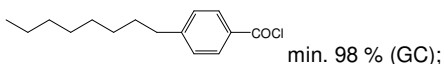


4-n-Octylbenzoyl chloride

ST00421

50606-97-8

C₁₅H₂₁ClO



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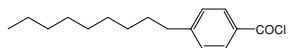
PRECURSORS FOR LIQUID CRYSTALS: 4-ALKYLBENZOYL CHLORIDES

4-n-Nonylbenzoyl chloride

ST00916

54963-70-1

C₁₆H₂₃ClO



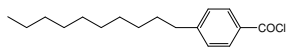
p-n-Nonylbenzoyl chloride
min. 97 % (GC);

4-n-Decylbenzoyl chloride

ST01392

54256-43-8

C₁₇H₂₅ClO



min. 98 % (GC);

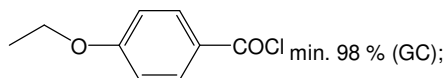
PRECURSORS FOR LIQUID CRYSTALS: 4-ALKOXYBENZOYL CHLORIDES

4-Ethoxybenzoyl chloride

ST00408

16331-46-7

C₉H₉ClO₂

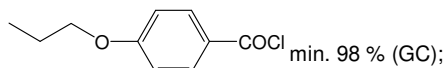


4-Propoxybenzoyl chloride

ST00409

40782-58-9

C₁₀H₁₁ClO₂

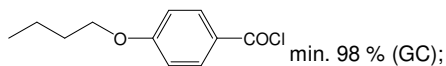


4-n-Butyloxybenzoyl chloride

ST00410

33863-86-4

C₁₁H₁₃ClO₂

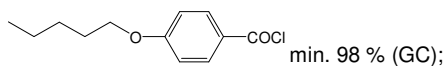


4-n-Pentyloxybenzoyl chloride

ST00411

36823-84-4

C₁₂H₁₅ClO₂

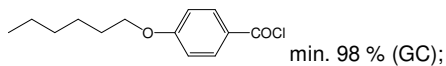


4-n-Hexyloxybenzoyl chloride

ST00412

39649-71-3

C₁₃H₁₇ClO₂

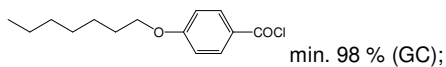


4-n-Heptyloxybenzoyl chloride

ST00413

40782-54-5

C₁₄H₁₉ClO₂

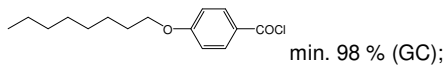


4-n-Octyloxybenzoyl chloride

ST00414

40782-53-4

C₁₅H₂₁ClO₂



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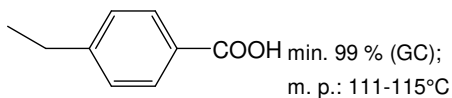
PRECURSORS FOR LIQUID CRYSTALS: 4-ALKYLBENZOIC ACIDS

4-Ethylbenzoic acid

ST00401

619-64-7

C9H10O2

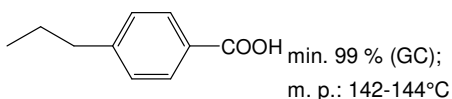


4-n-Propylbenzoic acid

ST00402

2438-05-3

C10H12O2

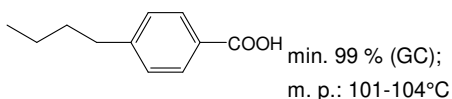


4-n-Butylbenzoic acid

ST00403

20651-71-2

C11H14O2

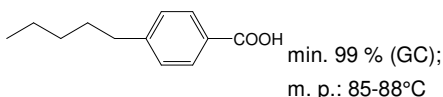


4-n-Pentylbenzoic acid

ST00404

26311-45-5

C12H16O2

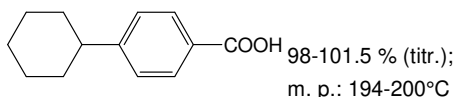


4-Cyclohexylbenzoic acid

ST01897

20029-52-1

C13H16O2

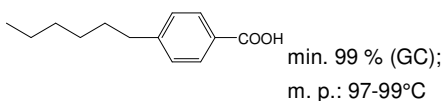


4-n-Hexylbenzoic acid

ST00405

21643-38-9

C13H18O2

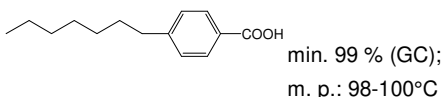


4-n-Heptylbenzoic acid

ST00406

38350-87-7

C14H20O2



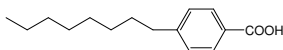
PRECURSORS FOR LIQUID CRYSTALS: 4-ALKYLBENZOIC ACIDS

4-n-Octylbenzoic acid

ST00407

3575-31-3

C15H22O2



min. 98 % (GC);

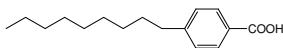
m. p.: 93-96°C

4-n-Nonylbenzoic acid

ST01296

38289-46-2

C16H24O2



min. 99 % (GC);

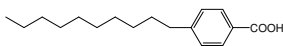
mesophase behaviour: Cr 97.5 N 115-115.5 I

4-n-Decylbenzoic acid

ST01391

38300-04-8

C17H26O2



min. 99 % (GC);

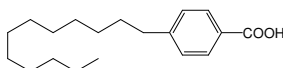
mesophase behaviour: Cr 94 N 109.5 I

4-Dodecylbenzoic acid

ST05371

21021-55-6

C19H30O2



min. 98 % (GC);

mesophase behaviour: Cr 95 Sm 99 N 107.5 N

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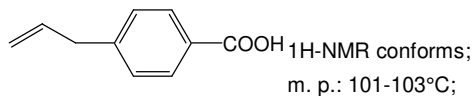
PRECURSORS FOR LIQUID CRYSTALS: 4-ALKENYLBENZOIC ACIDS

4-Allylbenzoic acid

ST05882

1076-99-9

C10H10O2

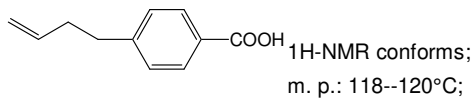


4-(But-3-enyl)benzoic acid

ST05883

15451-35-1

C11H12O2

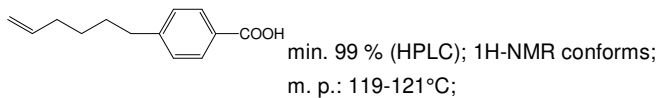


4-(Hex-5-enyl)benzoic acid

ST05884

134831-52-0

C13H16O2



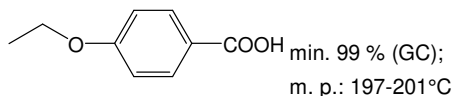
PRECURSORS FOR LIQUID CRYSTALS: 4-ALKOXYBENZOIC ACIDS

4-Ethoxybenzoic acid

ST00394

619-86-3

C9H10O3

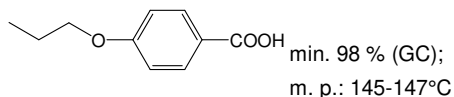


4-n-Propyloxybenzoic acid

ST00395

5438-19-7

C10H12O3

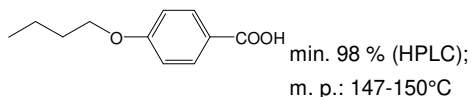


4-n-Butyloxybenzoic acid

ST00396

1498-96-0

C11H14O3

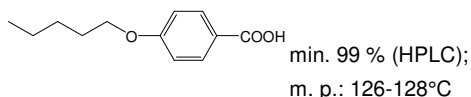


4-n-Pentyloxybenzoic acid

ST00397

15872-41-0

C12H16O3

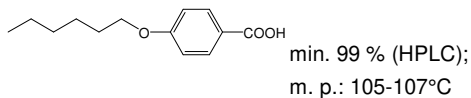


4-n-Hexyloxybenzoic acid

ST00398

1142-39-8

C13H18O3

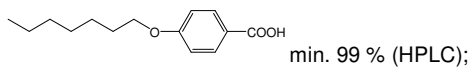


4-n-Heptyloxybenzoic acid

ST00399

15872-42-1

C14H20O3

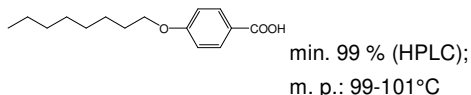


4-n-Octyloxybenzoic acid

ST00400

2493-84-7

C15H22O3



INQUIRIES and ORDERS

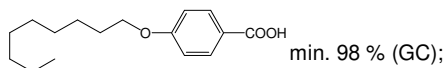
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PRECURSORS FOR LIQUID CRYSTALS: 4-ALKOXYBENZOIC ACIDS

p- Nonyloxybenzoic acid

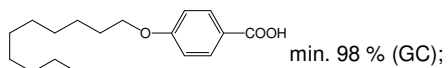
ST06194



C16H24O3

p- Decyloxybenzoic acid

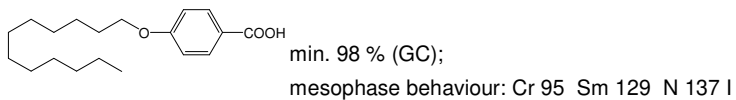
ST06196



C17H26O3

4-n-Dodecyloxybenzoic acid

ST03433



2312-15-4

C19H30O3

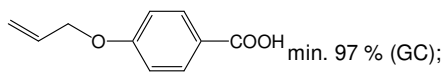
PRECURSORS FOR LIQUID CRYSTALS: 4-ALKENYLOXYBENZOIC ACIDS

4-Allyloxybenzoic acid

ST06022

27914-60-9

C10H10O3

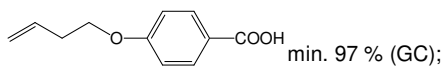


4-(3-Butenyloxy)benzoic acid

ST06023

115595-27-2

C11H12O3

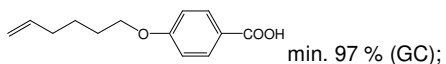


4-(5-Hexenyloxy)benzoic acid

ST06024

115595-28-3

C13H16O3

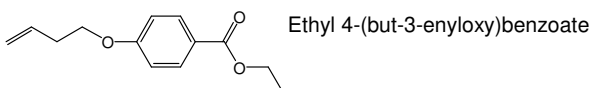


4-But-3-enyloxy-benzoic acid ethyl ester

ST06275

89091-82-7

C13H16O3

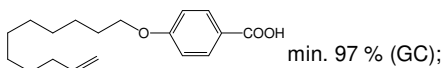


4-(10-undecylenoxy)benzoic acid

ST06025

59100-95-7

C18H26O3



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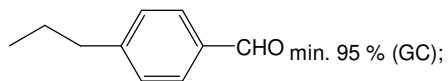
PRECURSORS FOR LIQUID CRYSTALS: 4-ALKYLBENZALDEHYDES

4-n-Propylbenzaldehyde

ST00388

28785-06-0

C10H12O

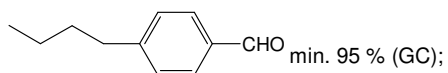


4-n-Butylbenzaldehyde

ST00389

1200-14-2

C11H14O

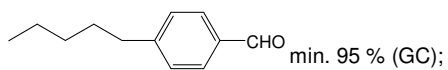


4-n-Pentylbenzaldehyde

ST00390

6853-57-2

C12H16O

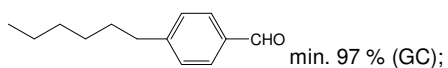


4-n-Hexylbenzaldehyde

ST00391

49763-69-1

C13H18O

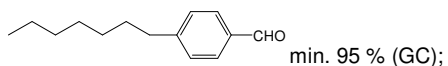


4-n-Heptylbenzaldehyde

ST00392

49763-67-9

C14H20O

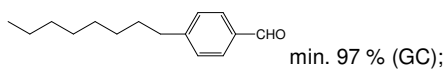


4-n-Octylbenzaldehyde

ST00393

49763-66-8

C15H22O



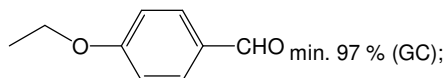
PRECURSORS FOR LIQUID CRYSTALS: 4-ALKOXYBENZALDEHYDES

4-Ethoxybenzaldehyde

ST03294

19931-82-0

C₉H₁₀O₂

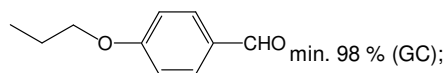


4-n-Propyloxybenzaldehyde

ST00382

5736-85-6

C₁₀H₁₂O₂

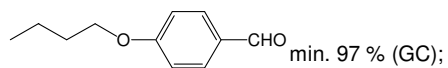


4-n-Butyloxybenzaldehyde

ST00383

5736-88-9

C₁₁H₁₄O₂

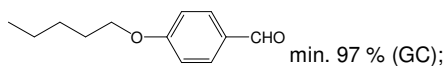


4-n-Pentyloxybenzaldehyde

ST00384

5736-91-4

C₁₂H₁₆O₂

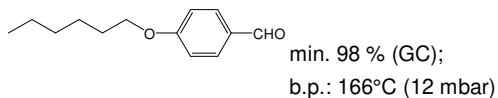


4-n-Hexyloxybenzaldehyde

ST00385

5736-94-7

C₁₃H₁₈O₂

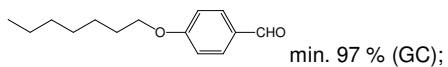


4-n-Heptyloxybenzaldehyde

ST00386

27893-41-0

C₁₄H₂₀O₂

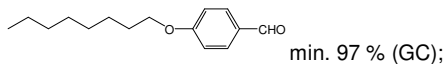


4-n-Octyloxybenzaldehyde

ST00387

24083-13-4

C₁₅H₂₂O₂



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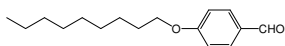
PRECURSORS FOR LIQUID CRYSTALS: 4-ALKOXYBENZALDEHYDES

4-n-Nonyloxybenzaldehyde

ST03599

50262-46-9

C16H24O2



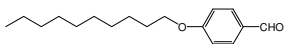
min. 98 % (GC);

4-n-Decyloxybenzaldehyde

ST02581

24083-16-7

C17H26O2



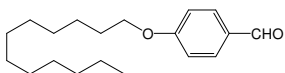
min. 98 % (GC);

4-n-Dodecyloxybenzaldehyde

ST01023

24083-19-0

C19H30O2



min. 98 % (GC);

m. p.: 26-29°C

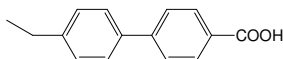
PRECURSORS FOR LIQUID CRYSTALS: 4-ALKYLBIPHENYL CARBOXYLIC ACIDS

4-Ethylbiphenyl-4'-carboxylic acid

ST00471

5731-13-5

C15H14O2



min. 98 % (HPLC);

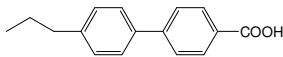
m. p.: 246-250°C

4-n-Propylbiphenyl-4'-carboxylic acid

ST00472

88038-94-2

C16H16O2



min. 98 % (HPLC);

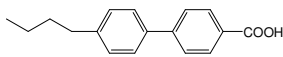
mesophase behaviour: Cr1 156 Cr2 170 Cr3 214 Cr4 226 N 278 I

4-n-Butylbiphenyl-4'-carboxylic acid

ST00473

59662-46-3

C17H18O2



min. 98 % (HPLC);

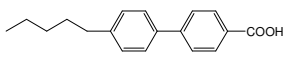
m. p.: 198-200°C

4-n-Pentylbiphenyl-4'-carboxylic acid

ST00474

59662-47-4

C18H20O2



min. 98 % (HPLC);

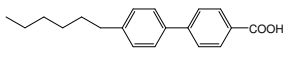
m. p.: 177-179°C

4-Hexylbiphenyl-4'-carboxylic acid

ST00475

59662-48-5

C19H22O2



min. 98 % (HPLC);

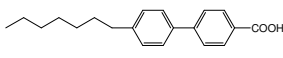
m. p.: 113-115°C

4-n-Heptylbiphenyl-4'-carboxylic acid

ST00476

58573-94-7

C20H24O2



min. 98 % (HPLC);

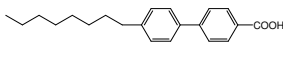
mesophase behaviour: Cr1 88 Cr2 159 SmX 175 SmY 233 N 255 I

4-n-Octylbiphenyl-4'-carboxylic acid

ST00477

59662-49-6

C21H26O2



min. 98 % (HPLC);

mesophase behaviour: Cr 150 SmX 238 N 249 I

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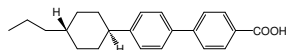
PRECURSORS FOR LIQUID CRYSTALS: 4-ALKYLBIPHENYL CARBOXYLIC ACIDS

4'-(4-trans-Propylcyclohexyl)biphenyl-4-carboxylic acid

ST05177

101241-31-0

C22H26O2



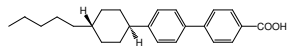
min. 97 % (HPLC);

4'-(4-trans-Pentylcyclohexyl)biphenyl-4-carboxylic acid

ST05176

68065-89-4

C24H30O2



min. 97 % (HPLC);

mesophase behaviour: Cr 278 SmX 346 I

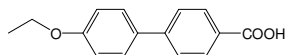
PRECURSORS FOR LIQUID CRYSTALS: 4-ALKOXYBIPHENYL CARBOXYLIC ACIDS

4-n-Ethoxybiphenyl-4'-carboxylic acid

ST00464

729-18-0

C15H14O3



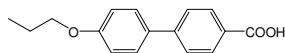
min. 98 % (HPLC);

4-n-Propoxybiphenyl-4'-carboxylic acid

ST00465

59748-13-9

C16H16O3



min. 98 % (HPLC);

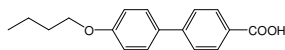
m. p.: 257-260°C

4-n-Butyloxybiphenyl-4'-carboxylic acid

ST00466

59748-14-0

C17H18O3



min. 98 % (HPLC);

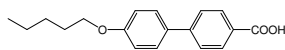
m. p.: 242-245°C

4-n-Pentyloxybiphenyl-4'-carboxylic acid

ST00467

59748-15-1

C18H20O3



min. 98 % (HPLC);

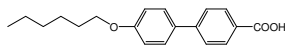
m. p.: 226-228°C

4-n-Hexyloxybiphenyl-4'-carboxylic acid

ST00468

59748-16-2

C19H22O3



min. 98 % (HPLC);

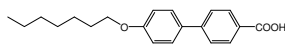
m. p.: 232-235°C

4-n-Heptyloxybiphenyl-4'-carboxylic acid

ST00469

59748-17-3

C20H24O3



min. 98 % (HPLC);

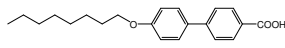
m. p.: 194-197°C

4-n-Octyloxybiphenyl-4'-carboxylic acid

ST00470

59748-18-4

C21H26O3



min. 98 % (HPLC);

m. p.: 181-184°C

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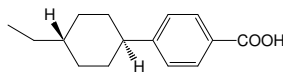
PRECURSORS FOR LIQUID CRYSTALS: 4-(4'-ALKYLCYCLOHEXYL)BENZOIC ACIDS

4-(trans-4-n-Ethylcyclohexyl)benzoic acid

ST02999

87592-41-4

C15H20O2



min. 99 % (HPLC);

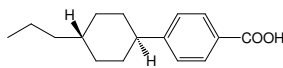
m. p.: 217-220°C;

4-(4-trans-n-Propylcyclohexyl)benzoic acid

ST02726

65355-29-5

C16H22O2



min. 99 % (HPLC);

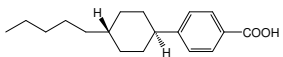
m. p.: 216-219°C;

trans-4-(4-n-Pentylcyclohexyl)benzoic acid

ST02762

65355-30-8

C18H26O2



5PCA

min. 99.5 % (GC);

m. p.: 178-181°C;

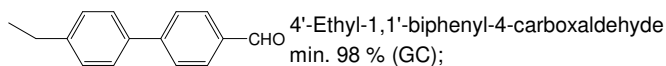
PRECURSORS FOR LIQUID CRYSTALS: 4-ALKYLBIPHENYL-4'-ALDEHYDES

4-(4-Ethylphenyl)benzaldehyde

ST02561

101002-44-2

C15H14O

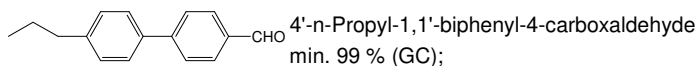


4-(4-n-Propylphenyl)benzaldehyde

ST03846

93972-05-5

C16H16O

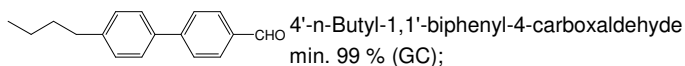


4-(4-n-Butylphenyl)benzaldehyde

ST03847

93972-06-6

C17H18O

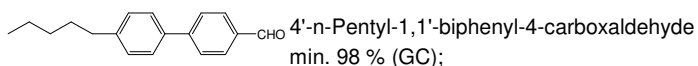


4-(4-n-Pentylphenyl)benzaldehyde

ST03848

56741-21-0

C18H20O



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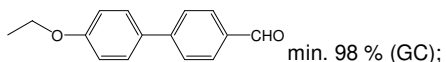
PRECURSORS FOR LIQUID CRYSTALS: 4-ALKOXYBIPHENYL-4'-ALDEHYDES

4'-Ethoxybiphenyl-4-carbaldehyde

ST04584

251320-77-1

C15H14O2

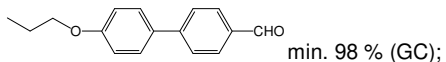


4'-Propoxybiphenyl-4-carbaldehyde

ST04585

1204036-33-8

C16H16O2

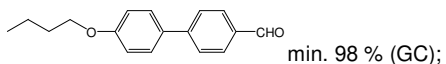


4'-Butoxybiphenyl-4-carbaldehyde

ST04586

75472-36-5

C17H18O2



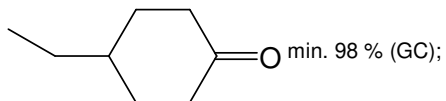
PRECURSORS FOR LIQUID CRYSTALS: 4-ALKYL-CYCLHEXANONES

4-Ethylcyclohexanone

ST00878

5441-51-0

C₈H₁₄O



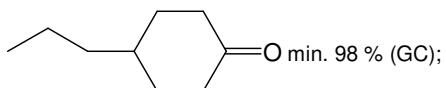
organic intermediate;

4-n-Propylcyclohexanone

ST00879

40649-36-3

C₉H₁₆O

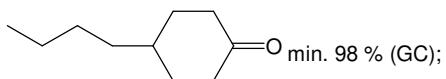


4-n-Butylcyclohexanone

ST03325

61203-82-5

C₁₀H₁₈O

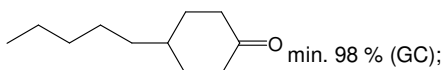


4-n-Pentylcyclohexanone

ST01233

61203-83-6

C₁₁H₂₀O



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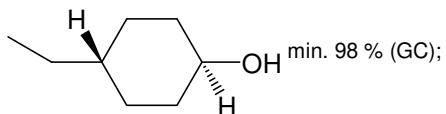
PRECURSORS FOR LIQUID CRYSTALS: 4-ALKYLCYCLOHEXANOLS

trans-4-Ethylcyclohexanol

ST03949

19781-62-5

C₈H₁₆O

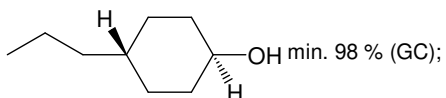


trans-4-n-Propylcyclohexanol

ST03950

77866-58-1

C₉H₁₈O

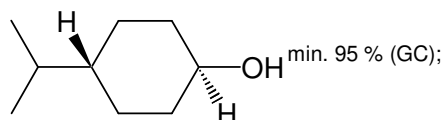


trans-4-iso-Propylcyclohexanol

ST04450

15890-36-5

C₉H₁₈O

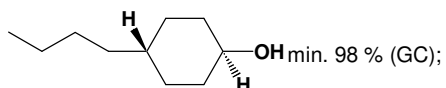


trans-4-n-Butylcyclohexanol

ST03590

67590-13-0

C₁₀H₂₀O

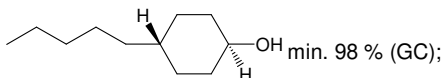


trans-4-n-Pentylcyclohexanol

ST03951

77866-59-2

C₁₁H₂₂O



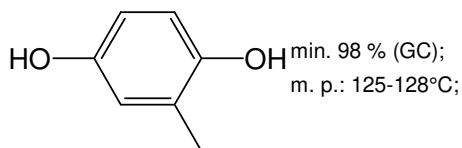
PRECURSORS FOR LIQUID CRYSTALS: HYDROQUINONES

Methylhydroquinone

ST04093

95-71-6

C₇H₈O₂

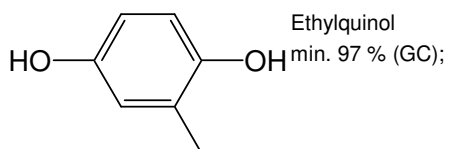


2-Ethylhydroquinone

ST03960

2349-70-4

C₈H₁₀O₂

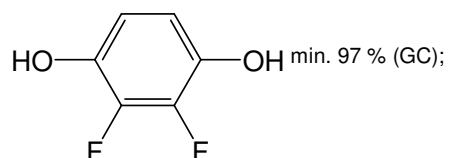


2,3-Difluorohydroquinone

ST01718

124728-90-1

C₆H₄F₂O₂

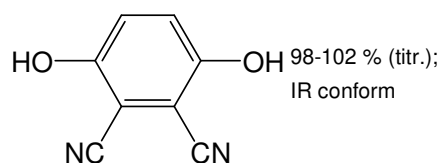


2,3-Dicyanohydroquinone

ST01341

4733-50-0

C₈H₄N₂O₂

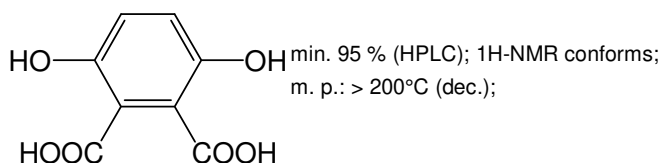


3,6-Dihydroxyphthalic acid

ST01386

3786-46-7

C₈H₆O₆



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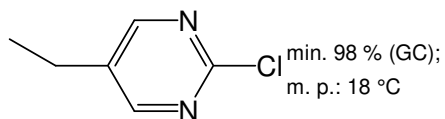
PRECURSORS FOR LIQUID CRYSTALS: 5-ALKYL-2-CHLORO-PYRIMIDINES

2-Chloro-5-ethylpyrimidine

ST03825

111196-81-7

C6H7ClN2

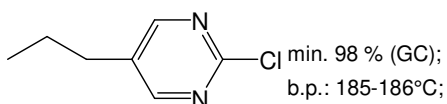


2-Chloro-5-n-propylpyrimidine

ST00633

219555-98-3

C7H9ClN2

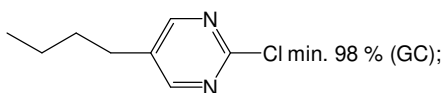


5-n-Butyl-2-chloropyrimidine

ST01335

847227-37-6

C8H11ClN2

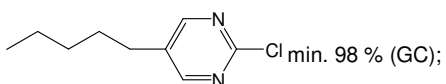


2-Chloro-5-n-pentylpyrimidine

ST01336

154466-62-3

C9H13ClN2

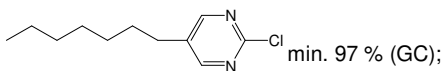


2-Chloro-5-n-heptylpyrimidine

ST01356

221641-56-1

C11H17ClN2

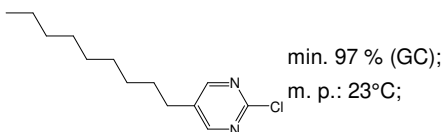


2-Chloro-5-n-nonylpyrimidine

ST00735

219581-06-3

C13H21ClN2

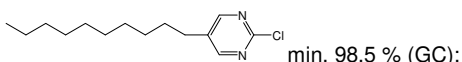


2-Chloro-5-n-decylpyrimidine

ST01066

170434-06-7

C14H23ClN2



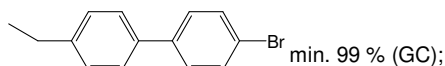
PRECURSORS FOR LIQUID CRYSTALS: 4-ALKYL-4'-BROMO-1,1'-BIPHENYLS

4-Bromo-4'-ethyl-1,1'-biphenyl

ST02214

58743-79-6

C14H13Br

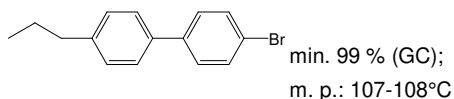


4-Bromo-4'-n-propyl-1,1'-biphenyl

ST02215

58743-81-0

C15H15Br

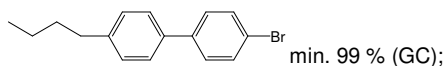


4-Bromo-4'-n-butyl-1,1'-biphenyl

ST02216

63619-54-5

C16H17Br

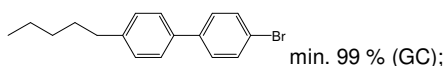


4-Bromo-4'-n-pentyl-1,1'-biphenyl

ST02217

63619-59-0

C17H19Br

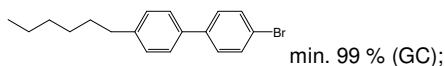


4-Bromo-4'-n-hexyl-1,1'-biphenyl

ST02218

63619-60-3

C18H21Br

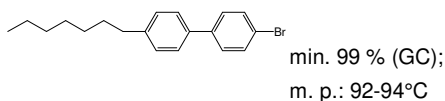


4-Bromo-4'-n-heptyl-1,1'-biphenyl

ST02219

58573-93-6

C19H23Br

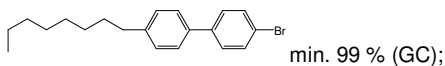


4-Bromo-4'-n-octyl-1,1'-biphenyl

ST02220

63619-61-4

C20H25Br



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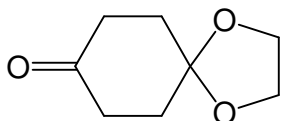
PRECURSORS FOR LIQUID CRYSTALS: ACETALS AND KETALS

1,4-Cyclohexanedione monoethylene ketal

ST01294

4746-97-8

C8H12O3



1,4-Dioxaspiro[4,5]decan-8-one

min. 99 % (GC);

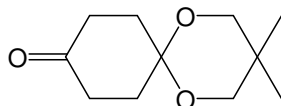
m. p.: 72-74°C

3,3-Dimethyl-1,5-dioxaspiro[5.5]undecan-9-one

ST02259

69225-59-8

C11H18O3



1,4-Cyclohexanedione mononeopentyl ketal

min. 99 % (GC);

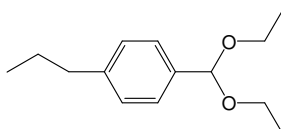
m. p.: 49-50°C;

4-n-Propylbenzaldehyde diethyl acetal

ST01128

89557-35-7

C14H22O2



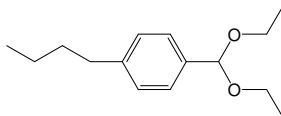
min. 97 % (GC);

4-n-Butylbenzaldehyde diethylacetale

ST01333

83803-80-9

C15H24O2



1-Butyl-4-diethoxymethylbenzene

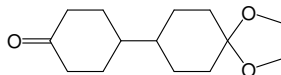
min. 95 % (GC);

1,1'-Bicyclohexane-4,4'-dione monoethylene ketal

ST01967

56309-94-5

C14H22O3



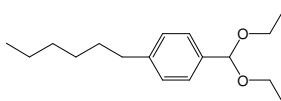
min. 99 % (GC);

4-n-Hexylbenzaldehyde diethyl acetal

ST01129

89511-01-3

C17H28O2



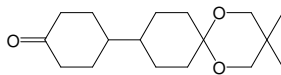
ca. 95 % (GC);

4-(3,3-Dimethyl-1,5-dioxaspiro[5,5]undec-9-yl)cyclohexanone

ST01042

221300-33-0

C17H28O3



4,4'-Dicyclohexanon mononeopentylketal

min. 97 % (GC);

m. p.: 81-86°C

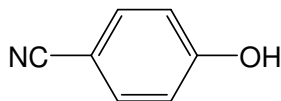
PRECURSORS FOR LIQUID CRYSTALS: MISCELLANEOUS

4-Hydroxybenzonitrile

ST00632

767-00-0

C7H5NO



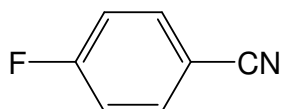
4-Cyanophenol
min. 99 % (GC);
m. p.: 109-114°C

4-Fluorobenzonitrile

ST00912

1194-02-1

C7H4FN



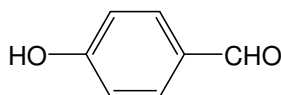
min. 99 % (GC);
m. p.: 34-37°C;

4-Hydroxybenzaldehyde

ST01172

123-08-0

C7H6O2



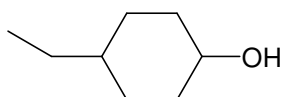
min. 99 % (GC);
m. p.: 115-118°C

4-Ethylcyclohexanol, cis/trans-mixture

ST02117

4534-74-1

C8H16O



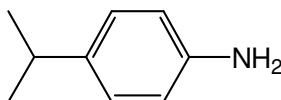
min. 99 % (GC);

4-Isopropylaniline

ST06302

99-88-7

C9H13N



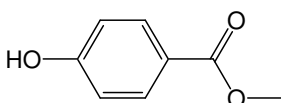
97% (GC)

Methyl 4-hydroxybenzoate

ST02078

99-76-3

C8H8O3



4-Hydroxybenzoic acid methyl ester
min. 99 % (GC); 98-102 % (titr.);
m. p.: 125-128°C

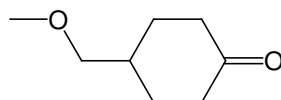
organic intermediate;

4-(methoxymethyl)cyclohexanone

ST06186

17159-84-1

C9H18O2



min. 98 % (GC);

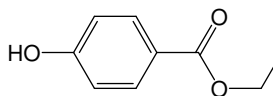
PRECURSORS FOR LIQUID CRYSTALS: MISCELLANEOUS

Ethyl 4-hydroxybenzoate

ST02304

120-47-8

C9H10O3



4-Hydroxybenzoic acid ethyl ester

min. 98 % (GC); 98-102 % (titr.);

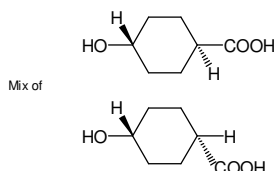
m. p.: 115-118°C

Cyclohexane-1,4-dicarboxylic acid cis/trans-mixture

ST01744

1076-97-7

C8H12O4



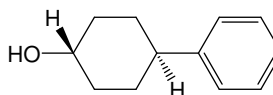
min. 99 % (GC);

trans-4-Phenylcyclohexanol

ST03484

5769-13-1

C12H16O



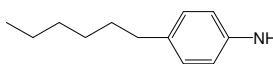
min. 98% (GC);

4-n-Hexylaniline

ST01515

33228-45-4

C12H19N



4-n-Hexylphenylamine

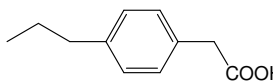
min. 97 % (GC);

(4-n-Propylphenyl)acetic acid

ST03875

26114-12-5

C11H14O2



min. 99 % (GC);

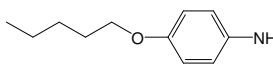
m. p.: 80.5°C

4-Pentyloxyaniline

ST01057

39905-50-5

C11H17NO



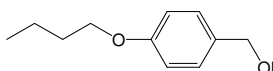
min. 99 % (GC);

4-n-Butyloxybenzyl alcohol

ST03832

6214-45-5

C11H16O2



min. 98 % (GC);

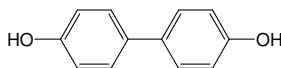
PRECURSORS FOR LIQUID CRYSTALS: MISCELLANEOUS

4,4'-Dihydroxybiphenyl

ST00927

92-88-6

C12H10O2



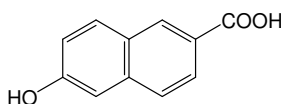
4,4'-Biphenol
min. 99 % (HPLC);
m. p.: 280-282°C

6-Hydroxy-2-naphthoic acid

ST00887

16712-64-4

C11H8O3



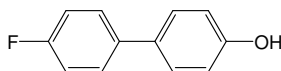
min. 99 % (HPLC); 97.5-102.5 % (titr.);
m. p.: 245-250°C

4-Fluoro-4'-hydroxybiphenyl

ST01859

324-94-7

C12H9FO



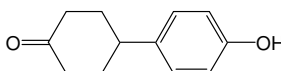
min. 99 % (GC);
m. p.: 150-152°C

4-(4'-Hydroxyphenyl)cyclohexanone

ST01123

105640-07-1

C12H14O2



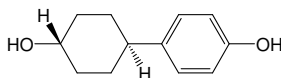
min. 97 % (GC);

4-(trans-4'-Hydroxycyclohexyl)phenol

ST00960

65132-43-6

C12H16O2



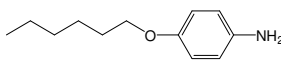
min. 99 % (GC);

4-n-Hexyloxyaniline

ST02119

39905-57-2

C12H19NO



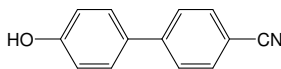
min. 98 % (GC);
m. p.: 43-46°C

4-(4'-Hydroxyphenyl)benzotrile

ST01100

19812-93-2

C13H9NO



4-Cyano-4'-hydroxy-1,1'-biphenyl
min. 99 % (GC);

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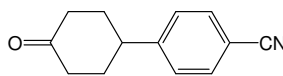
PRECURSORS FOR LIQUID CRYSTALS: MISCELLANEOUS

4-(4-Oxo-cyclohexyl)benzotrile

ST03872

73204-07-6

C13H13NO



4-(4-Cyanophenyl)cyclohexanone

min. 98 % (GC);

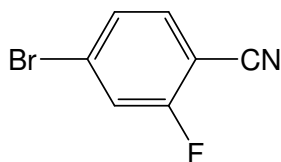
m. p.: 124-125°C

4-Bromo-2-fluorobenzotrile

ST02659

105942-08-3

C7H3BrFN



min. 98 % (GC);

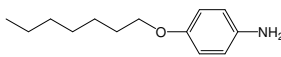
m. p.: 69-72°C

4-n-Heptyloxyaniline

ST03338

39905-44-7

C13H21NO



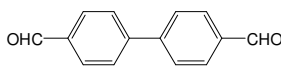
min. 98 % (GC);

Biphenyl-4,4'-dicarboxaldehyde

ST00973

66-98-8

C14H10O2



4,4'-Diformylbiphenyl

min. 97 % (GC);

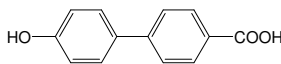
m. p.: 144-146°C

4-Hydroxy-4'-biphenylcarboxylic acid

ST00831

58574-03-1

C13H10O3



min. 98 % (HPLC); 98.5-101.5 % (titr.);

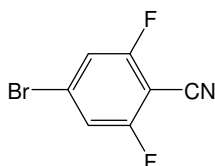
m. p.: 296-299°C

4-Bromo-2,6-difluorobenzotrile

ST01661

123843-67-4

C7H2BrF2N



min. 98.5 (GC);

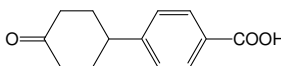
m. p.: 78-81°C;

4-(4-Oxocyclohexyl)benzoic acid

ST05966

137465-01-1

C13H14O3



min. 98 % (HPLC);

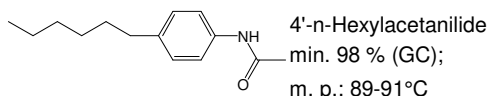
PRECURSORS FOR LIQUID CRYSTALS: MISCELLANEOUS

N-(4-n-Hexylphenyl)acetamide

ST00811

20330-59-0

C14H21NO

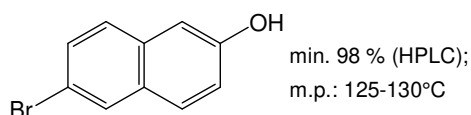


6-Bromo-2-naphthol

ST01224

15231-91-1

C10H7BrO

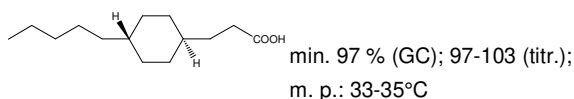


3-(trans-4-n-Pentylcyclohexyl)propionic acid

ST02921

86446-58-4

C14H26O2

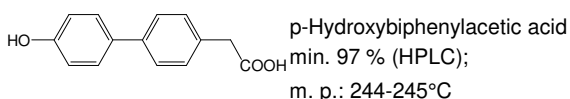


4-Hydroxybiphenyl-4'-acetic acid

ST04258

51350-23-3

C14H12O3

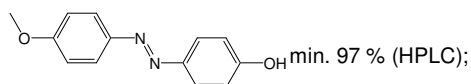


E-4-(4-Methoxyphenylazo)phenol

ST05889

2496-25-5

C13H12N2O2

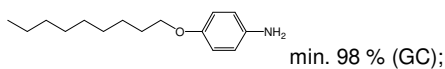


4-n-Nonyloxyaniline

ST03336

50262-67-4

C15H25NO

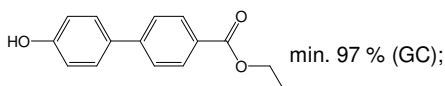


4'-Hydroxy-4-biphenyl-4-carboxylic acid ethyl ester

ST04189

50670-76-3

C15H14O3



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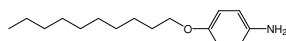
PRECURSORS FOR LIQUID CRYSTALS: MISCELLANEOUS

4-n-Decyloxyaniline

ST03337

39905-47-0

C16H27NO



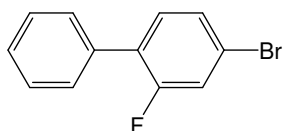
min. 98 % (GC);

4-Bromo-2-fluorobiphenyl

ST01221

41604-19-7

C12H8BrF



min. 99 % (GC);

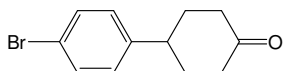
m. p.: 39-41°C

4-(4-Bromophenyl)cyclohexanone

ST03367

84892-43-3

C12H13BrO



min. 97 % (GC);

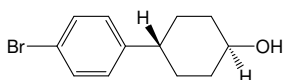
m. p.: 58-60°C

trans-4-(4-Bromophenyl)cyclohexanol

ST03368

84892-42-2

C12H15BrO



min. 98 % (GC);

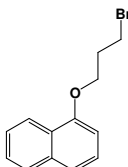
m. p.: 109-111°C

1-(3-Bromopropoxy)naphthalene

ST06310

3351-50-6

C13H13BrO



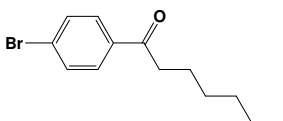
min. 98 % (GC)

1-(4-Bromophenyl)heptan-1-one

ST03742

99474-02-9

C13H17BrO



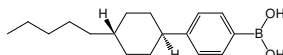
min. 97 % (GC);

4-(trans-4-n-pentylcyclohexyl)phenylboronic acid

ST06129

136321-96-5

C17H27BO2



min. 97 % (HPLC);

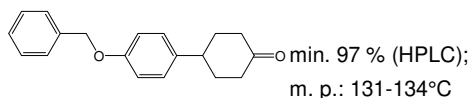
PRECURSORS FOR LIQUID CRYSTALS: MISCELLANEOUS

4-(4'-Benzyloxy-phenyl)cyclohexanone

ST01251

82240-03-7

C19H20O2

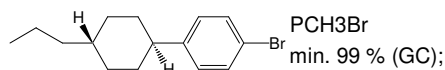


1-Bromo-4-(trans-4-n-propylcyclohexyl)benzene

ST04120

86579-53-5

C15H21Br

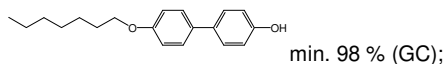


4'-(Heptyloxy)biphenyl-4-ol

ST06236

105100-89-8

C19H24O2

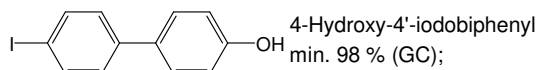


4-(4'-Iodophenyl)phenol

ST01232

29558-78-9

C12H9IO

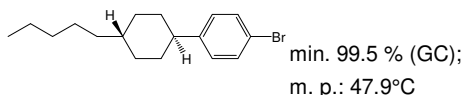


1-Bromo-4-(trans-4-n-pentylcyclohexyl)benzene

ST03902

79832-89-6

C17H25Br

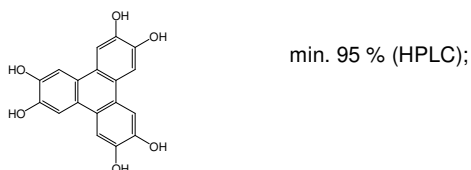


2,3,6,7,10,11-Hexahydroxytriphenylene

ST04276

4877-80-9

C18H12O6

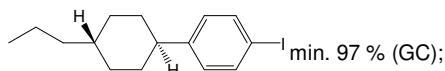


1-(trans-4-n-Propylcyclohexyl)-4-iodobenzene

ST03444

111158-11-3

C15H21I



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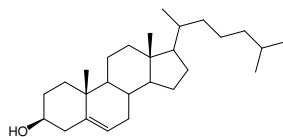
PRECURSORS FOR LIQUID CRYSTALS: MISCELLANEOUS

Cholesterol

ST01146

57-88-5

C27H46O



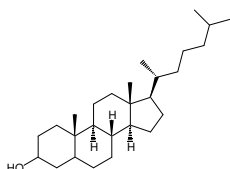
min. 95 % cholesterol (HPLC); min. 99 % total sterol

5 α -Cholestan-3 β -ol

ST06411

80-97-7

C27H48O



beta-Cholestanol

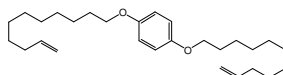
min. 95 % (GC); sum of sterole: 99 % (GC)

1,4-Bis(undec-10-enyloxy)benzene

ST05892

138551-10-7

C28H46O2



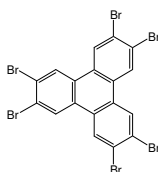
min. 98 % (GC);

2,3,6,7,10,11-Hexabromotriphenylene

ST06041

82632-80-2

C18H6Br6



min. 98 % (HPLC);

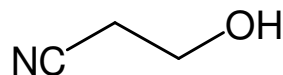
3-Hydroxypropionitrile

ST06516

109-78-4

C3H5NO

NEW

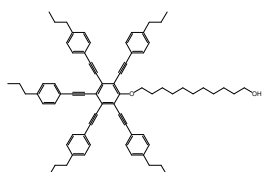


11-[Pentakis-(4-propylphenylethynyl)phenoxy]undecan-1-ol

ST01605

671197-45-8

C72H78O2



min. 97 % (HPLC);

mesophase behaviour: Cr 93 N 148 I

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ST04469	25	ST05882	74	ST06082	8	ST06370	48		
ST04474	18	ST05883	74	ST06083	9	ST06376	28		
ST04475	18	ST05884	74	ST06086	12	ST06383	26		
ST04476	18	ST05885	31	ST06087	9	ST06411	100		
ST04477	18	ST05887	31	ST06090	37	ST06423	58		
ST04478	18	ST05888	36	ST06115	34	ST06445	36		
ST04479	18	ST05889	97	ST06121	55	ST06446	32		
ST04489	26	ST05892	100	ST06126	31	ST06447	33		
ST04501	38	ST05893	10	ST06129	98	ST06448	33		
ST04524	25	ST05905	43	ST06132	39	ST06449	33		
ST04525	25	ST05936	44	ST06133	28	ST06458	34		
ST04537	59	ST05944	4	ST06136	17	ST06462	33		
ST04554	46	ST05945	7	ST06137	17	ST06478	38		
ST04570	31	ST05946	11	ST06152	1	ST06482	31		
ST04572	42	ST05947	52	ST06153	1	ST06484	34		

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C35H37NO6	34	C8H12O3	92	C10H11N	67	C11H17CIN2	90
C3H5NO	100	C8H12O4	94	C10H11NO	68	C11H17NO	94
C3H7ClO	46	C8H14O	87	C10H12O	78	C11H18O3	92
C4H7Br	43	C8H15Br	44	C10H12O2	72	C11H20O	87
C46H58O10	38	C8H16O	88	C10H12O2	79	C11H20O2	51
C5H11BrO	43	C8H16O	93	C10H12O3	75	C11H21Br	45
C6H4F2O2	89	C8H17BrO	44	C10H13Br	60	C11H22O	88
C6H7CIN2	90	C8H18O2	49	C10H13BrO	62	C11H22O2	50
C6H10O5S	40	C9H9ClO	69	C10H14	54	C11H23BrO	45
C6H11Br	43	C9H9ClO2	71	C10H14O	63	C12H8BrF	98
C6H11ClO2	43	C9H9N	67	C10H14O2	65	C12H9FO	95
C6H12BrCl	44	C9H9NO	68	C10H15BO2	56	C12H9IO	99
C6H13BrO	43	C9H10O2	72	C10H15BO3	57	C12H10N2O2	44
C6H13ClO	43	C9H10O2	79	C10H18O	87	C12H10O2	95
C6H14O2	49	C9H10O3	75	C10H18O2	51	C12H12O5	40
C7H2BrF2N	96	C9H10O3	94	C10H19Br	44	C12H13BrO	98
C7H3BrFN	96	C9H11Br	60	C10H20O	88	C12H14	59
C7H3F2NO	63	C9H11BrO	62	C10H21BrO	45	C12H14O2	95
C7H3F2NO	63	C9H12	54	C11H8O3	95	C12H14O4	40
C7H4FN	93	C9H12O	63	C11H12	59	C12H15Br	60
C7H4FNO	63	C9H12O2	65	C11H12O2	74	C12H15BrO	98
C7H4FNO	63	C9H13BO2	56	C11H12O3	77	C12H15ClO	69
C7H5NO	93	C9H13BO3	57	C11H13ClO	69	C12H15ClO2	71
C7H6F2O2	65	C9H13CIN2	90	C11H13ClO2	71	C12H15N	67
C7H6O2	93	C9H13N	93	C11H13N	67	C12H15NO	68
C7H8O2	65	C9H16O	87	C11H13NO	68	C12H16O	94
C7H8O2	89	C9H16O2	51	C11H14O	78	C12H16O	78
C7H9CIN2	90	C9H17Br	44	C11H14O	58	C12H16O2	72
C7H12O5S	40	C9H18Br2	46	C11H14O2	72	C12H16O2	95
C7H16O2	49	C9H18O	88	C11H14O2	94	C12H16O2	79
C8H4N2O2	89	C9H18O	88	C11H14O2	79	C12H16O3	75
C8H6O6	89	C9H19BrO	45	C11H14O3	75	C12H17Br	60
C8H8O3	93	CxHyOzNw	30	C11H15Br	60	C12H17BrO	62
C8H9Br	60	CxHyOzNw	30	C11H15BrO	62	C12H18	54
C8H9BrO	62	C10H7BrO	97	C11H16	54	C12H18O	64
C8H10O2	65	C10H10	59	C11H16O	63	C12H18O2	65
C8H10O2	89	C10H10O2	74	C11H16O2	65	C12H19BO2	56
C8H11BO2	56	C10H10O3	77	C11H16O2	94	C12H19BO3	57
C8H11BO3	57	C10H11ClO	69	C11H17BO2	56	C12H19N	94
C8H11CIN2	90	C10H11ClO2	71	C11H17BO3	57	C12H19NO	95

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C12H22O2	51	C14H19ClO2	71	C15H21N	67	C16H30O	48
C12H24O2	50	C14H19N	67	C15H21NO	68	C17H14FNO2	10
C13H9NO	95	C14H19NO	68	C15H22O	78	C17H15NO	18
C13H10O3	96	C14H20O	78	C15H22O	47	C17H15NO2	10
C13H12N2O2	97	C14H20O2	72	C15H22O2	79	C17H16	23
C13H13BrO	98	C14H20O2	79	C15H22O2	73	C17H16O	23
C13H13NO	96	C14H20O3	75	C15H22O3	75	C17H17N	14
C13H14O5	40	C14H21Br	61	C15H23Br	61	C17H18O	85
C13H14O5	40	C14H21BrO	62	C15H24	54	C17H18O2	86
C13H16	59	C14H21NO	97	C15H24O	64	C17H18O2	81
C13H16O2	72	C14H22	54	C15H24O2	92	C17H18O3	83
C13H16O2	74	C14H22O	64	C15H25NO	97	C17H19Br	91
C13H16O3	77	C14H22O2	66	C15H26O	53	C17H22N2	5
C13H16O3	77	C14H22O2	92	C15H26O2	52	C17H22N2O	5
C13H17BrO	98	C14H22O3	92	C15H28O	48	C17H22O5	41
C13H17ClO	69	C14H23BO2	56	C16H11NO2	31	C17H22O5	41
C13H17ClO2	71	C14H23BO3	57	C16H12FNO2	10	C17H22O5	41
C13H17N	67	C14H23ClN2	90	C16H13NO	18	C17H23N	20
C13H17NO	68	C14H24O2	52	C16H15N	14	C17H25Br	99
C13H18O	78	C14H26O2	51	C16H15NO	16	C17H25ClO	70
C13H18O2	79	C14H26O2	97	C16H16O	85	C17H26O	47
C13H18O2	72	C14H28O2	50	C16H16O2	81	C17H26O2	73
C13H18O3	75	C15H13N	14	C16H16O2	86	C17H26O2	80
C13H18O4	45	C15H13NO	16	C16H16O3	83	C17H27BO2	98
C13H19Br	60	C15H14O	85	C16H17Br	91	C17H28O	64
C13H19BrO	62	C15H14O2	86	C16H17N3	5	C17H28O2	92
C13H20	54	C15H14O2	81	C16H20N2	5	C17H28O3	92
C13H20O	64	C15H14O3	83	C16H20O5	41	C17H30O	53
C13H20O2	66	C15H14O3	97	C16H21N	20	C17H30O2	52
C13H21BO2	56	C15H15Br	91	C16H21NO2	3	C17H32O	48
C13H21BO3	57	C15H18N2	5	C16H22	59	C18H6Br6	100
C13H21ClN2	90	C15H18O5	41	C16H22O2	84	C18H12O6	99
C13H21NO	96	C15H19BrO3	41	C16H22O4	46	C18H15NO3	31
C13H26O2	50	C15H19NO2	3	C16H23ClO	70	C18H17NO	18
C14H10O2	96	C15H20O2	84	C16H24O	47	C18H17NO2	10
C14H12O3	97	C15H20O4	41	C16H24O2	80	C18H18	23
C14H13Br	91	C15H20O4	45	C16H24O2	73	C18H18O	23
C14H16O5	40	C15H21Br	99	C16H26	55	C18H18O4	10
C14H17NO2	3	C15H21ClO	69	C16H27NO	98	C18H19N	14
C14H18	59	C15H21ClO2	71	C16H28O	53	C18H19N	1
C14H19ClO	69	C15H21I	99	C16H28O2	52	C18H19NO	17

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C18H19NO3	16	C20H24O2	81	C23H27NO	18	C28H42N2O2	9
C18H20O	85	C20H24O3	83	C23H27F3	29	C28H44N2O	8
C18H20O2	81	C20H24O4	11	C23H28F2	28	C28H44N2O	8
C18H20O3	83	C20H25Br	91	C23H29N	15	C28H46O2	100
C18H21Br	91	C20H28F2O2	4	C23H29NO	17	C29H27NO5	32
C18H21NO	2	C20H28O5	42	C23H30O3	11	C29H30O6	32
C18H24N2O2	5	C20H29FO2	3	C23H33F3	29	C29H36	29
C18H25N	20	C20H29N	20	C23H34N2O	6	C29H42O4	12
C18H26O2	84	C20H30O4	42	C24H23N	19	C29H44N2O2	9
C18H26O3	77	C20H34	55	C24H29N	15	C29H48O2	21
C18H28O4	46	C21H23F3	28	C19H19NO	18	C30H29NO5	33
C18H30	55	C21H23NO	18	C24H29NO	18	C30H32O6	33
C18H32O2	52	C21H23NO2	11	C24H30N2O4	32	C30H33NO2	12
C18H33Br	48	C21H24F2	28	C24H30O2	82	C30H35NO5	33
C19H19NO2	10	C21H24O	24	C24H31N	15	C30H38N2O6	36
C19H20	23	C21H25N	14	C24H33NO2Si	15	C30H38O6	36
C19H20O	23	C21H25NO	16	C24H36N2O	7	C30H48N2O	9
C19H20O2	99	C21H26O2	81	C24H36N2O	7	C31H32O6	36
C19H21N	14	C21H26O3	83	C24H42	55	C31H34O5	33
C19H21NO	16	C21H26O4	11	C25H32N2O4	32	C31H38O8	36
C19H22N2O2	31	C21H28N2	6	C25H33ClO3	29	C31H40O5	33
C19H22O2	81	C21H29F3	28	C25H33N	15	C31H42N2	9
C19H22O3	83	C21H30N2O	6	C25H33NO	17	C31H46O5	33
C19H22O3	10	C21H30O2F2	4	C25H36N2	7	C32H28N2O	17
C19H23Br	91	C21H30O5	42	C25H36N2O2	8	C32H30O10	37
C19H23NO	2	C21H31FO2	3	C25H38N2O	7	C32H42N2O6	36
C19H24O2	99	C22H19N	19	C25H38N2O	7	C32H44N2O	9
C19H26F2O2	3	C22H23NO3	31	C26H36O3	12	C33H30N2	17
C19H26O5	42	C22H24O6	42	C26H36O4	12	C33H31NO2	12
C19H27FO2	3	C22H25NO2	11	C26H36O4	12	C33H32O10	37
C19H30O	47	C22H26	24	C26H40N2O	8	C33H36O6	36
C19H30O2	73	C22H26O2	82	C26H40N2O	8	C33H36O8	37
C19H30O2	80	C22H27N	15	C26H40N2O2	8	C33H40O6S2	29
C19H30O3	76	C22H27NO	17	C27H46O	100	C33H44O5	34
C20H19NO2	31	C22H32N2O	6	C27H48O	100	C33H48N2O4	34
C20H21NO2	11	C22H32N2O	6	C28H30N2O6	33	C34H39NO4	12
C20H22O	24	C22H32N2O2	7	C28H32N2	2	C34H58O2	21
C20H22O	23	C22H38	55	C28H36N2O	8	C35H35NO5	34
C20H22O4	31	C23H23NO5	32	C28H36O6	32	C35H36O10	38
C20H23N	14	C23H25NO3	31	C28H41NO2Si	17	C35H60O2	21
C20H23NO	16	C23H26O6	32	C28H42	29	C36H40O10	34

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C36H44Br2O6	13	C90H144O12	25
C36H44Br2O6	13	C90H144O6	25
C36H50N2O6	37	C95H110O20Si	28
C36H62O2	21	C102H137Br	25
C37H44O8	34	C10H12O4	44
C37H64O2	21	C114H162	26
C38H42O10	37	C13H14O3	96
C38H66O2	21	C13H18O3	45
C39H44O10	38	C144H210O37	29
C39H48O5	34	C16H24O3	76
C39H68O3	21	C17H26O3	76
C40H46O10	38	C19H24O5	42
C40H46O10	38	C19H26N2O	5
C40H50O4	1	C20H28N2O	6
C40H50O4	1	C20H36O2	52
C40H58N2O6	38	C210H204O9	26
C42H60O6	26	C225H234O9	26
C43H52O10	38	C22H25FO2	11
C43H64O5	35	C22H32N2O	6
C43H76O2	22	C23H21N3O2	7
C44H52O10	38	C23H27NO2	4
C44H58O4	1	C24H30N2O2	36
C44H58O4	1	C28H31N	19
C45H80O2	22	C38H42O10	37
C48H62O10	39	C7H13Br	43
C48H62O10	39	C9H18O2	93
C48H72O6	26	CxHyOzNw	30
C49H64O10	39		
C50H46O20	39		
C54H72O10	39		
C54H84O6	26		
C54H84S6	26		
C60H84O12	27		
C66H108O6	27		
C72H78O2	100		
C72H108O12	25		
C78H98O21Si6	28		
C78H132O6	25		
C82H82O9	28		
C84H78O9	25		
C84H132O12	25		