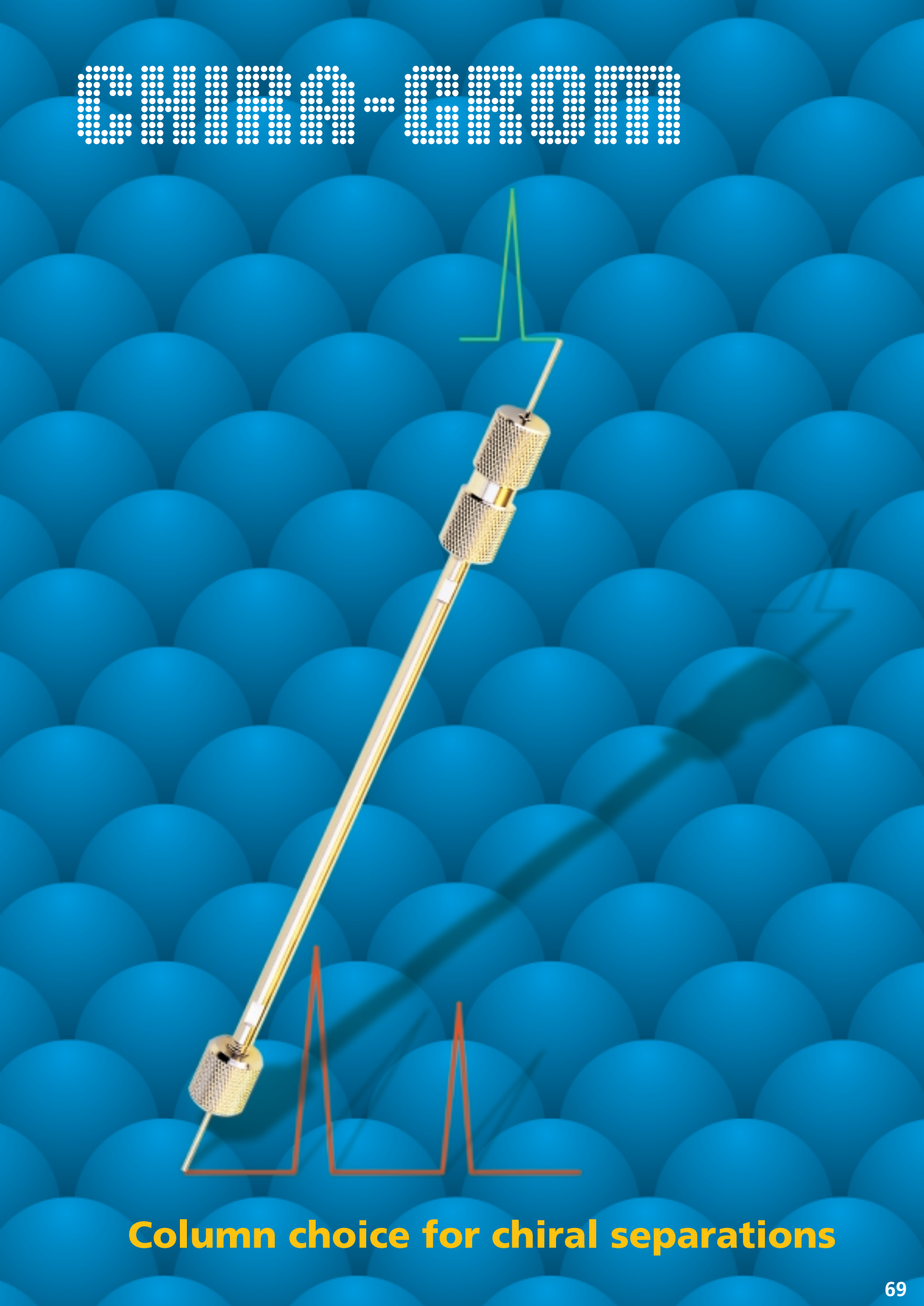
CHIRAL-BROM



Column choice for chiral separations

CHIRA-GROM Phases for the separation of chiral mole

I. *NovoGROM* column hardware for chiral separations

In order to increase sensitivity, to decrease costs by saving solvents and for environmental protection tailor-made, customized ***CHIRA-GROM*** matrices are packed in the low dispersion ***NovoGROM*** microbore columns. This well-designed, excellent column hardware performs outstandingly in all, even highly sophisticated, chiral separations. There are three versions of microbore columns packed with ***CHIRA-GROM***-Phases available:

- **Standard microbore column** (250 x 2 mm) - connected to the HPLC-system via 1/16" capillaries, ferrules and compression screws
- **Low dispersion microbore cartridge** (250 x 2 mm) - with endfittting adapters and column heads (quick-connectors)
- **Microbore guard column combination** (250 x 2 mm column and 10 x 2 mm guard column) - with endfittting adapters, spacer and guard column head

or as a novel alternative:

CHIRA-GROM phases packed in the unique, ***NovoGROM*** capillary columns, with fingerthight fittings
Standard capillary column - length 250 mm and 200, 300, 500 or 800 µm i.d.
Capillary column (length 250 mm) with integrated guard column - (lenght 5 or 20 mm) both columns with 200, 300, 500 or 800 µm i.d.

For further informations concerning NovoGROM HPLC column hardware, see pages 99-111

II. Five different *CHIRA-GROM* matrices are available:

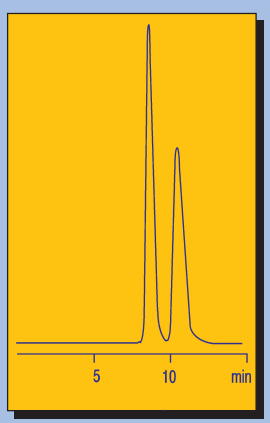
CHIRA-GROM Phases Type 1-4 and 9 consist of spherical, highly porous 8 µm silica particles specially treated by a novel thermal process and covered with layers of synthetic chiral polymers. They are stable up to 35 MPa and may be used from pH 1 to 8 at temperatures of 0-80°C. With these high-performance materials, separations of chiral molecules can easily be achieved in the normal phase, as well in the reversed phase mode. For ***NovoGROM*** **Method Development Sets** for chiral separations see pages 132 and 133.

There are five major advantages of working in the reversed phase mode, i.e., using polar solvents to separate chiral molecules:

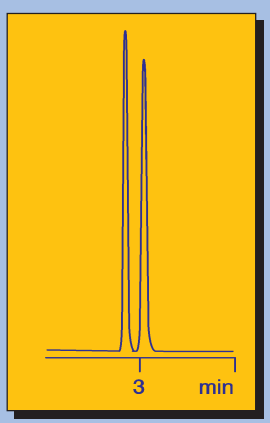
1) After sample dilution, crude biological samples from conventional matrices can be applied directly, for instance, by column switching.
2) Up to now, polar chiral molecules insoluble in hydrophobic phases such as heptane etc. could not be separated. However, now they can be dissolved in polar mobile phases and therefore are easily separated in the reversed phase mode.
3) Gradient elution is simple in the reversed phase mode.
4) For many separations, better values of "a", i. e., relative retention may be achieved.
5) Column lifetime is generally superior.

Typical fields of application are:

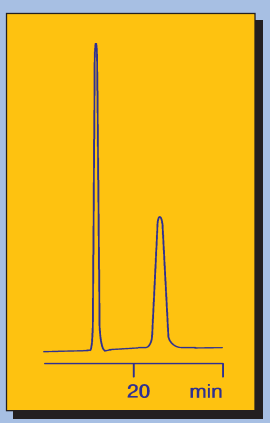
- purity check of chiral samples (pharmaceuticals, agrochemicals, flavorings)
- chiral drug monitoring of biological materials: plasma, urine, tissues, etc.
- LC-MS coupling



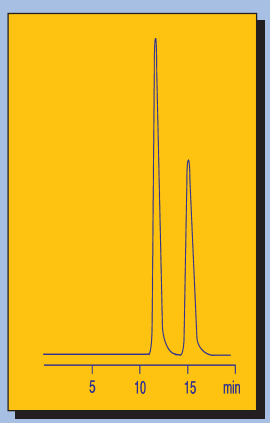
Verapamil
CHIRA-GROM-1, 8µm,
250 x 2 mm



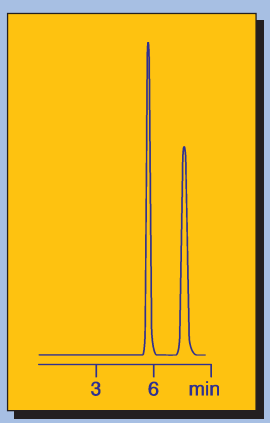
Bupivacin
CHIRA-GROM-2, 8 µm,
250 x 2 mm



Mephobarbital
CHIRA-GROM-3, 8 µm,
250 x 2 mm



Ofloxacine methyl ester
CHIRA-GROM-4, 8 µm,
250 x 2 mm



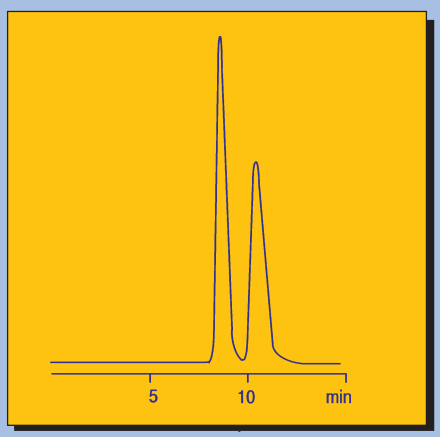
Warfarin
CHIRA-GROM-9, 8 µm,
250 x 2 mm

* For further technical information, see GROM-HPLC catalogue.

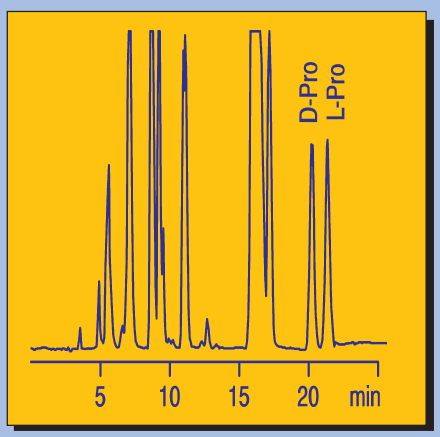
cules by High Performance Liquid Chromatography

III. Separation and analysis of chiral molecules by highly sensitive precolumn derivatisation

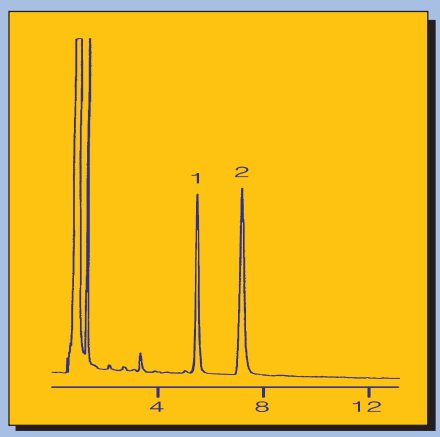
In liquid chromatography, chiral molecules can be analysed by applying three different techniques: eluting analytes by chiral mobile phases, packing columns with chiral stationary phases (see above) or even by reacting the enantiomers of interest with a chiral chromophoric or preferably fluorogenic agent, i.e., by precolumn derivatisation. Besides its simplicity, the major advantage of analysing enantiomeres by precolumn derivatisation with a fluorogen is the high sensitivity inherent to fluorescense detection [J.Maier-Rosenkranz, A. Maisch, A.Kupka and P.Földi, LC+GC International 7, 509-516 (1994), or H. Brückner, T. Westhauser, Chromatographia 39, 419-426 (1994)]. The detection limit routinely obtained with this method is in the lower fmol range.



Penicillamine
GROM-SIL 120 ODS-3 CP, 5 µm,
250 x 3 mm

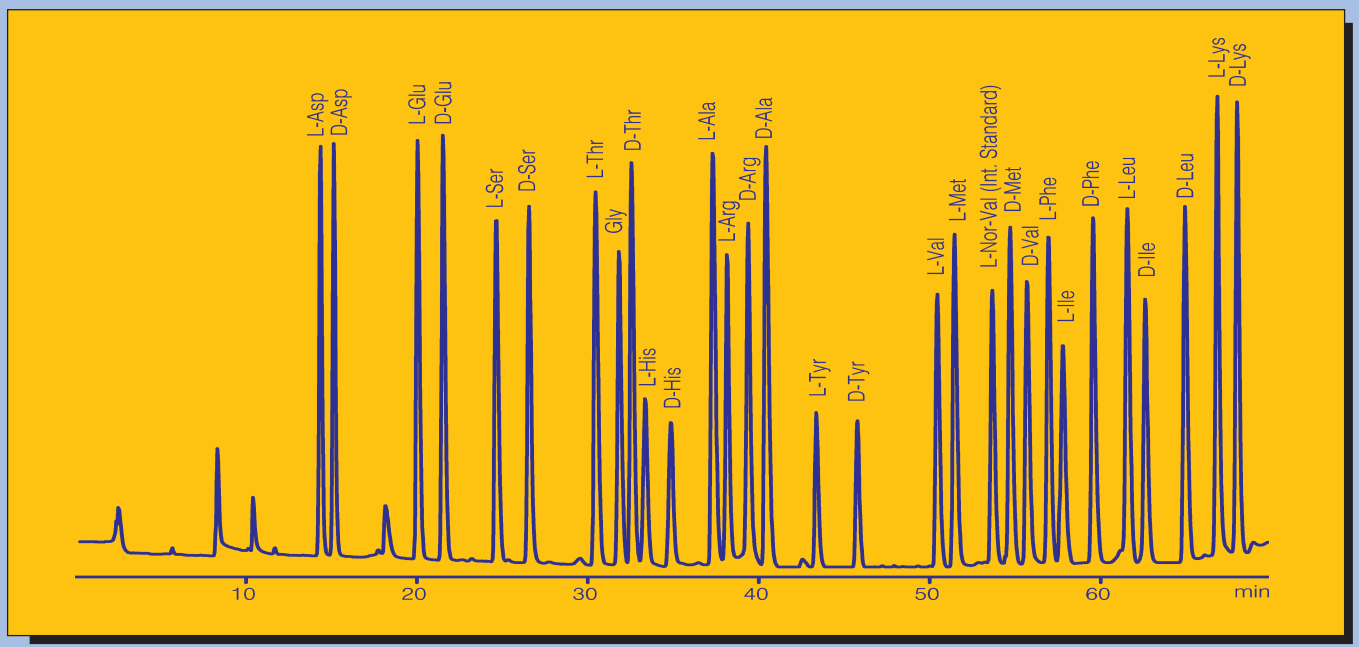


D/L-Proline
GROM-SIL FLEC-1, 3 µm,
250 x 4 mm



Propanolol
GROM-SIL 100 ODS-2 FE, 5 µm,
125 x 4 mm

For the simple analysis of chiral alcohols and amines such as D/L-dopa, D/L-penicillamine, D/L-amino acids, ß-blockers (metopropolol, propanolol), etc., by this technique, GROM offers dedicated Derivatisation Kits. These consist of tailor made, customised columns, and the chemicals required for the formation of either the (+)-1-(9-fluorenyl)-ethyl-chloroformate / 1-amino-adamantane (FLEC/ADAM) or ortho-phthaldialdehyde/iso-butyryl-L-cysteine (OPA/ IBLC) derivatives. In addition, they include a detailed description of the derivatisation procedure and the chromatography conditions, as well as literature references.



Separation of D/L-amino acids derivatised with OPA/IBLC (column. GROM-SIL =OPA-2, 5 µm, 250 x 4 mm

* For further informations concerning amino acid analysis see pages 53 to 67

No.	COMPOUND	FORMULA	COLUMN	ELUENT	DETECTION
1	Abscisic acid	C15 H20 O4	2	Hexane:2-PrOH:TFA 80:20:1	UV 240 nm
2	2c,4t-Abscisic acid methyl ester	C16 H22 O4	2	Hexane:2-PrOH 90:10	UV 240 nm
3	Acebutolol	C18 H28 N2 O4	2	Hexane:2-PrOH:DEA 80:20:0.1	UV 254 nm
4	Acebutolol-Hydrochlorid	C18 H28 N2 O4	2	Hexane:EtOH:DEA 90:10:0.4	UV 265 nm
5	1-Acenaphthenol	C12 H10 O	2	Hexane:2-PrOH 90:10	UV 254 nm
6	1-Acenaphthenol	C12 H10 O	3	Hexane:2-PrOH 90:10	UV 254 nm
7	Acephate	C4 H10 N O3 P S	9	Hexane:2-PrOH 80:20	UV 235 nm
8	Acetamidomalonate deriv.	C22 H23 N 05	3	Hexane:2-PrOH:DEA 80:20:0.1	UV 254 nm
9	3-Acetoxy-2-carbethoxy-cyclohexene	C11 H16 O4	2	Hexane:2-PrOH 99:1	UV 214 nm
10	3-Acetoxy-2-carbethoxy-cyclopentene	C10 H14 O4	2	Hexane:2-PrOH 90:10	UV 214 nm
11	4-Acetoxy-2-azetidinone	C5 H7 N O3	9	Hexane:2-PrOH 80:20	UV 214 nm
12	4-Acetoxy-2-azetidinone	C5 H7 N O3	4	Hexane:EtOH 80:20	UV 214 nm
13	4-Acetoxy-2-azetidinone	C5 H7 N O3	4	Hexane:EtOH 80:20	UV 214 nm
14	4-Acetoxy-3,3-dimethyl-2-azetidinone	C7 H11 N O3	9	Hexane:2-PrOH 90:10	UV 214 nm
15	4-Acetoxy-3-ethyl-2-azetidinone	C7 H11 N O3	4	Hexane:EtOH 80:20	UV 214 nm
16	4-Acetoxy-3-ethyl-2-azetidinone	C7 H11 N O3	4	Hexane:EtOH 80:20	UV 214 nm
17	4-Acetoxy-5-(4'-methoxyphenoxy)-1-pentyne	C14 H16 O4	2	Hexane:2-PrOH 99:1	UV 254 nm
18	N-Acetyl-alanine benzyl ester	C12 H15 N O3	9	Hexane:2-PrOH 80:20	UV 254 nm
19	N-Acetyl-alanine benzyl ester	C12 H15 N O3	1	Hexane:2-PrOH 90:10	UV 254 nm
20	N-Acetyl-alanine benzyl ester	C12 H15 N O3	2	Hexane:2-PrOH 90:10	UV 254 nm
21	N-Acetyl-alanine ethyl ester	C7 H13 N O3	1	Hexane:2-PrOH 90:10	UV 214 nm
22	N-Acetyl-alanine ethyl ester	C7 H13 N O3	2	Hexane:2-PrOH 90:10	UV 214 nm
23	N-Acetyl-alanine ethyl ester	C7 H13 N O3	9	Hexane:2-PrOH 80:20	UV 214 nm
24	N-Acetyl-aminoglutethimide	C15 H18 N2 O3	3	Hexane:2-PrOH 50:50	UV 254 nm
25	N-Acetyl-aminoglutethimide	C15 H18 N2 O3	2	Hexane:2-PrOH 70:30	UV 254 nm
26	N-Acetyl-cyclohexylaminoglutethimide	C19 H24 N2 O3	2	Hexane:2-PrOH 50:50	UV 254 nm
27	N-Acetyl-indoline-2-carboxylic acid	C11 H11 N O3	2	Hexane:2-PrOH:HCOOH 80:20:1	UV 254 nm
28	N-Acetyl-indoline-2-carboxylic acid	C11 H11 N O3	1	Hexane:2-PrOH:HCOOH 80:20:1	UV 254 nm
29	Acetylacetonate(tris-)-cobalt (III)	C15 H21 Co O6	2	(SFC) CO2:2-PrOH 96:4	UV 254 nm
30	Afloqualone	C16 H14 F N3 O	4	Hexane:EtOH 95:5	UV 254 nm
31	Alanine benzyl ester	C10 H13 N O2	2	Hexane:2-PrOH 90:10	UV 254 nm
32	Alprenolol	C15 H23 N O2	2	Hexane:2-PrOH:DEA 90:10:0.01	UV 254 nm
33	Alprenolol	C15 H23 N O2	2	Hexane:2-PrOH:DEA 80:20:0.1	UV 254 nm
34	Alprenolol hydrochloride	C15 H23 N O2	2	Hexane:2-PrOH:DEA 20:80:0.4	UV 273 nm
35	1-(2-Amino-3-nitrophenoxy)-2',3'-epoxypropane	C9 H10 N2 O4	2	Hexane:2-PrOH 80:20	UV 254 nm
36	1-(B1992-Amino-3-nitrophenoxy)-3'-(N-t-butylamino)propan-2'-o	C13 H21 N3 O4	2	Hexane:2-PrOH 80:20	UV 254 nm
37	2-Amino-5-hydroxy-tetralin (salt)	C10 H13 N O	2	Hexane:EtOH 95:5	UV 225 nm
38	2-Amino-5-hydroxy-tetralin deriv. (salt)	C19 H25 N O S	2	Hexane:EtOH 95:5	UV 225 nm
39	2-Amino-5-hydroxy-tetralin deriv. (salt)	C21 H27 N O	2	Hexane:EtOH 95:5	UV 225 nm
40	2-Amino-5-hydroxy-tetralin deriv. (salt)	C16 H21 N O	2	Hexane:EtOH 95:5	UV 225 nm
41	2-Amino-5-hydroxy-tetralin deriv. (salt)	C21 H26 Cl N O	2	Hexane:EtOH 95:5	UV 225 nm
42	2-Amino-5-methoxy-tetralin (salt)	C11 H15 N O	2	Hexane:EtOH 90:10	UV 225 nm
43	2-Amino-7-hydroxy-tetralin deriv. (salt)	C19 H25 N O S	2	Hexane:EtOH 95:5	UV 225 nm
44	2-Amino-8-hydroxy-tetralin deriv. (salt)	C14 H17 N O	2	Hexane:EtOH 95:5	UV 225 nm
45	4-Amino-[2.2]-paracyclophane	C16 H17 N	2	Hexane:2-PrOH 90:10	UV 254 nm
46	Aminoglutethimide	C13 H16 N2 O2	3	Hexane:2-PrOH 50:50	UV 254 nm
47	Aminoglutethimide	C13 H16 N2 O2	2	Hexane:2-PrOH 60:40	UV 254 nm
48	Arene chromium carbonyl complexe deriv.	C9 H9 Cl. Cr(CO)3	2	Hexane:2-PrOH 90:10	UV 254 nm
49	Arene chromium carbonyl complexe deriv.	C8 H7 Cl. Cr(CO)3	2	Hexane:2-PrOH 90:10	UV 254 nm
50	Arene chromium carbonyl complexe deriv.	C12 H15 Cl.Cr(CO)3	2	Hexaen:2-PrOH 90:10	UV 254 nm
51	1-Arylmethyl-tetrahydroisoquinoline deriv.	C21 H23 N O5	3	Hexane:EtOH 10:90	UV 254 nm
52	2-Aryloxy-propionic acid deriv.	C17 H16 O4	2	Hexane:2-PrOH:HCOOH 94.5:5:0.5	UV 260 nm
53	2-Aryloxy-propionic acid deriv.	C11 H14 O3	2	Hexane:2-PrOH:HCOOH 95:4.5:0.5	UV 260 nm
54	2-Aryloxy-propionic acid deriv.	C16 H14 O4	2	Hexane:2-PrOH:HCOOH 94.5:5:0.5	UV 260 nm
55	2-Aryloxy-propionic acid deriv.	C16 H14 O4	2	Hexane:2-PrOH:HCOOH 94.5:5:0.5	UV 260 nm
56	2-Aryloxy-propionic acid deriv.	C16 H16 O3	2	Hexane:2-PrOH:HCOOH 94.5:5:0.5	UV 260 nm
57	2-Aryloxy-propionic acid deriv.	C17 H18 O4	2	Hexane:2-PrOH 90:10	UV 260 nm
58	2-Aryloxy-propionic acid deriv.	C16 H16 O4	2	Hexane:2-PrOH:HCOOH 94.5:5:0.5	UV 260 nm
59	2-Aryloxy-propionic acid deriv.	C15 H14 O4	2	Hexane:2-PrOH:HCOOH 94:5:1	UV 260 nm
60	Arylthiophosphate	C14 H13 Cl2 O2 P S	3	Hexane:2-PrOH 90:10	UV 254 nm
61	Arylthiophosphate (EPN)	C14 H14 N O4 P S	3	Hexane:2-PrOH 90:10	UV 254 nm
62	Arylthiophosphate (Surecide)	C15 H14 N O2 P S	3	Hexane:2-PrOH 90:10	UV 254 nm
63	Atenolol	C14 H22 N2 O3	2	Hexane:2-PrOH:DEA 80:20:0.1	UV 254 nm

No.	COMPOUND	FORMULA	COLUMN	ELUENT	DETECTION
64	Atropine	C17 H23 N O3	2	Hexane:2-PrOH:DEA 80:20:0.1	UV 254 nm
65	2-Azetidinone deriv.	C14 H13 N3 O4	4	Hexane:EtOH 80:20	UV 254 nm
66	1-Azido-2-phenyl-2,3-propanediol dibenzoate	C23 H19 N3 O4	2	Hexane:2-PrOH 95:5	UV 254 nm
67	N-BOC-alanine benzyl ester	C15 H21 N O4	1	Hexane:2-PrOH 90:10	UV 254 nm
68	Benzoin	C14 H12 O2	3	Hexane:2-PrOH 90:10	UV 254 nm
69	Benzoin	C14 H12 O2	2	Hexane:2-PrOH 90:10	UV 254 nm
70	Benzoin	C14 H12 O2	1	Hexane:2-PrOH 90:10	UV 254 nm
71	Benzoin	C14 H12 O2	4	Hexane:2-PrOH 90:10	UV 254 nm
72	N-Benzoyl-alanine benzyl ester	C17 H17 N O3	2	Hexane:2-PrOH 90:10	UV 254 nm
73	N-Benzoyl-alanine benzyl ester	C17 H17 N O3	1	Hexane:2-PrOH 90:10	UV 254 nm
74	N-Benzoyl-alanine ethyl ester	C12 H15 N O3	2	Hexane:2-PrOH 90:10	UV 254 nm
75	N-Benzoyl-alanine ethyl ester	C12 H15 N O3	1	Hexane:2-PrOH 90:10	UV 254 nm
76	N-Benzoyl-beta-pyrenyl alanine ethyl ester	C28 H23 N O3	2	Hexane:2-PrOH 90:10	UV 254 nm
77	N-Benzoyl-methamphetamine	C17 H19 N O	3	Hexane:2-PrOH 90:10	UV 220 nm
78	4-Benzoylmethyl-2-azetidinone	C11 H11 N O2	1	Hexane:2-PrOH 80:20	UV 254 nm
79	4-Benzoylmethyl-2-azetidinone	C11 H11 N O2	2	Hexane:2-PrOH 80:20	UV 254 nm
80	4-Benzoylmethylene-2-azetidinone	C11 H11 N O2	4	Hexane:EtOH 80:20	UV 254 nm
81	4-Benzoyloxy-2-azetidinone	C10 H9 N O3	2	Hexane:2-PrOH 90:10	UV 254 nm
82	4-Benzoyloxy-2-azetidinone	C10 H9 N O3	4	Hexane:EtOH 80:20	UV 254 nm
83	1-O-Benzyl-3-O-octadecyl-glycerol	C28 H50 O3	2	Hexane:2-PrOH 99.4:0.6	UV 254 nm
84	O-Benzyl-glycidol	C10 H12 O2	2	Hexane:2-PrOH 100:5	UV 254 nm
85	Benzyl-tetradydrojatrorrhizine	C27 H29 N O4	9	EtOH	UV 254 nm
86	2-(4-Benzyloxy-3-methoxybenzyl)-4-methyl-pentan-1,4-diol	C21 H28 O4	2	Hexane:2-PrOH 90:10	UV 254 nm
87	4-Benzyloxy-3-methoxybenzyl succinic acid dimethyl ester	C21 H24 O6	2	Hexane:2-PrOH 90:10	UV 254 nm
88	alpha-Benzyloxy-acryliron (II) complex	C29 H25 FeO3P.C5H5	2	Hexane:2-PrOH 98.5:1.5	UV 277 nm
89	(5,10-trans-bis(2-Benzyloxynaphthyl octaethylporphyrin Zn compl.	C70 H68 N4 O2 Zn	2	Hexane:2-PrOH:CHCl3 95:0.5:0.5	UV 254 nm
90	Benzylvinyl-tolyl-sulfoxide	C16 H16 O S	9	Hexane:2-PrOH 90:10	UV 254 nm
91	Betaxolol hydrochlorid	C18 H29 N O3	2	Hexane:BuOH 85:15	UV 254 nm
92	Betaxolol hydrochlorid	C18 H29 N O3	2	Hexane:2-PrOH 92:8	UV 254 nm
93	Betaxolol hydrochlorid	C18 H29 N O3	2	Hexane:2-PrOH 83:17	UV 254 nm
94	Betaxolol hydrochlorid	C18 H29 N O3	2	Hexane:EtOH 98:2	UV 254 nm
95	Betaxolol hydrochlorid	C18 H29 N O3	2	Hexane:2-PrOH:DEA 92:8:0.5	UV 254 nm
96	Betaxolol hydrochlorid	C18 H29 N O3	2	Hexane:2-PrOH 85:15	UV 254 nm
97	Bisoprolol-hemifumarate	C18 H31 N O4	2	Hexane:2-PrOH:DEA 15:85:0.4	UV 273 nm
98	N-Boc-Rolipram	C21 H29 N O5	2	Hexane:2-PrOH 90:10	UV 254 nm
99	N-Boc-alanine benzyl ester	C15 H21 N O4	2	Hexane:2-PrOH 90:10	UV 254 nm
100	4-Bromo-[2.2]-paracyclophane	C16 H15 Br	1	Hexane	UV 254 nm
101	alpha-Bromo-isovalerylurea	C6 H11 Br N2 O2	3	Hexane:2-PrOH 90:10	UV 210 nm
102	alpha-Bromo-isovalerylurea	C6 H11 Br N2 O2	2	Hexane:2-PrOH 90:10	UV 210 nm
103	alpha-Bromo-valerylurea	C6 H11 Br N2 O2	3	Hexane:2-PrOH 90:10	UV 210 nm
104	N-2-Butyl-benzamide	C11 H15 N O	2	Hexane:2-PrOH 90:10	UV 254 nm
105	s-Butyl-2,6-dimethyl-phenylcarbamate	C13 H19 N O2	9	Hexane:2-PrOH 98:2	UV 254 nm
106	s-Butyl-2-methyl-phenylcarbamate	C12 H17 N O2	2	Hexane:2-PrOH 90:10	UV 254 nm
107	s-Butyl-2-methyl-phenylcarbamate	C12 H17 N O2	9	Hexane:2-PrOH 98:2	UV 254 nm
108	s-Butyl-3,4-dimethyl-phenylcarbamate	C13 H19 N O2	9	Hexane:2-PrOH 98:2	UV 254 nm
109	s-Butyl-3,4-dimethyl-phenylcarbamate	C13 H19 N O2	2	Hexane:2-PrOH 90:10	UV 254 nm
110	s-Butyl-3,5-dimethyl-phenylcarbamate	C13 H19 N O2	9	Hexane:2-PrOH 98:2	UV 254 nm
111	s-Butyl-3,5-dimethyl-phenylcarbamate	C13 H19 N O2	2	Hexane:2-PrOH 90:10	UV 254 nm
112	s-Butyl-3-methyl-phenylcarbamate	C12 H17 N O2	2	Hexane:2-PrOH 98:2	UV 254 nm
113	s-Butyl-4-bromo-phenylcarbamate	C11 H14 Br N O2	2	Hexane:2-PrOH 98:2	UV 254 nm
114	s-Butyl-4-chloro-phenylcarbamate	C11 H14 Cl N O2	2	Hexane:2-PrOH 90:10	UV 254 nm
115	s-Butyl-4-fluoro-phenylcarbamate	C11 H14 F N O2	9	Hexane:2-PrOH 98:2	UV 254 nm
116	s-Butyl-4-fluoro-phenylcarbamate	C11 H14 F N O2	2	Hexane:2-PrOH 90:10	UV 254 nm
117	s-Butyl-4-methyl-phenylcarbamate	C12 H17 N O2	2	Hexane:2-PrOH 90:10	UV 254 nm
118	s-Butyl-4-methyl-phenylcarbamate	C12 H17 N O2	9	Hexane:2-PrOH 98:2	UV 254 nm
119	s-Butyl-phenylcarbamate	C11 H15 N O2	9	Hexane:2-PrOH 98:2	UV 254 nm
120	s-Butyl-phenylcarbamate	C11 H15 N O2	2	Hexaen:2-PrOH 90:10	UV 254 nm
121	s-Butyl-phenylcarbamate	C11 H15 N O2	9	Hexane:2-PrOH 90:10	UV 254 nm
122	tert-Butyl-dimethylsilyloxy-rhododendrol	C16 H28 O2 Si	3	Hexane:2-PrOH 99.75:0.25	UV 254 nm
123	tert-Butyl-oxycarbonyl(N-)-4-phenyl-pyrrolidinone	C15 H19 N O3	3	Hexane:2-PrOH 95:5	UV 254 nm
124	Calix[4]arene deriv.	C63 H72 N2 O4	2	Hexane:2-PrOH 95:5	UV 230 nm
125	Canadine	C20 H21 N O4	9	EtOH	UV 254 nm
126	Capaurine	C21 H25 N O5	9	EtOH	UV 254 nm

No.	COMPOUND	FORMULA	COLUMN	ELUENT	DETECTION
127	Carazolol	C18 H22 N2 O2	2	Hexane:2-PrOH:DEA 70:30:1	UV 240 nm
128	4-Carbethoxy-2-cyclopenten-1-ol	C8 H12 O3	2	Hexane:2-PrOH 90:10	UV 214 nm
129	Carbinoxamine	C16 H19 Cl N2 O	2	Hexane:2-PrOH 90:10	UV 254 nm
130	Carbinoxamine	C16 H19 Cl N2 O	1	Hexane:2-PrOH 90:10	UV 254 nm
131	4-Carboxy-[2.2]paracyclophane	C17 H16 O2	2	Hexane:2-PrOH:TFA 90:10:1	UV 254 nm
132	Carteolol	C16 H24 N2 O3	2	Hexane:2-PrOH 90:10	UV 254 nm
133	Celiprolol	C20 H33 N3 O4	2	Hexane:2-PrOH:DEA 85:20:0.1	Fl 295/345
134	Chlormezanone	C11 H12 Cl N O3 S	3	EtOH:H2O 96:4	UV 254 nm
135	2-(2-Chloro-phenoxy)-2-propionic acid	C9 H9 Cl O3	2	Hexane:2-PrOH:HCOOH 90:10:1	UV 254 nm
136	2-Chloro-phenyloxy-2-propanoic acid methyl ester	C10 H11 Cl O3	2	Hexane:2-PrOH:HCOOH 94.5:5:0.5	UV 260 nm
137	4-Chloro-[2.2]-paracyclophane	C16 H15 Cl	1	Hexane	UV 254 nm
138	8-Chloro-3-methyl-4-chromanone	C10 H9 Cl O2	3	Hexane:2-PrOH 99:1	UV 240 nm
139	Cicloprolol	C18 H29 N O4	2	Hexane:2-PrOH:EtOH 80:5:15	UV 273 nm
140	(E)-1-Cinnamyl-1,3-propandiol	C11 H14 O2	2	Hexane:2-PrOH 95:5	UV 254 nm
141	(E)-1-Cinnamyl-2,2-dimethyl-1,3-propandiol	C13 H18 O2	2	Hexane:2-PrOH 95:5	UV 254 nm
142	Citalopram	C20 H21 F N2 O	2	Hexane:2-PrOH 94:6	Fl 240/296
143	Clenbuterol	C12 H18 Cl2 N2 O	3	Hexane:EtOH 95:5	UV 254 nm
144	Clofedanol	C17 H20 Cl N O	3	Hexane:2-PrOH 90:10	UV 254 nm
145	Cloperastine	C20 H24 Cl N O	2	Hexane:2-PrOH 100:0.5	UV 229 nm
146	Cloxazolam	C17 H14 Cl2 N2 O2	3	EtOH	UV 254 nm
147	Cloxazolam	C17 H14 Cl2 N2 O2	4	Hexane:EtOH 90:10	UV 254 nm
148	trans-1,2-Cyclobutane-dicarboxylic acid	C6 H8 O4	1	Hexane:2-PrOH:HCOOH 90:10:1	UV 214 nm
149	Cyclohexylaminoglutethimide	C17 H22 N2 O2	2	Hexane:2-PrOH 50:50	UV 257 nm
150	Cyclopentenone prostaglandin precursor	C22 H38 O4 Si	9	Hexane:2-PrOH 99:1	UV 215 nm
151	Cyclopentenone prostaglandin precursor	C19 H32 O4 Si	9	Hexane:2-PrOH 99:1	UV 215 nm
152	Cyclopentenone prostaglandin precursor	C19 H32 O4 Si	9	Hexane:t-BuOH 99:1	UV 215 nm
153	Cyclopentenone prostaglandin precursor	C19 H32 O4 Si	9	Hexane:n-BuOH 99:1	UV 215 nm
154	Cyclopentenone prostaglandin precursor	C19 H32 O4 Si	9	Hexane:1-PrOH 99.35:0.65	UV 215 nm
155	Cyclopentenone prostaglandin precursor	C19 H32 O4 Si	9	Hexane:EtOH 99.6:0.4	UV 215 nm
156	Cyclopentenone prostaglandin precursor	C19 H32 O4 Si	9	Hexane:2-PrOH 99:1	UV 215 nm
157	Cyclopentenone prostaglandin precursor	C26 H30 O4 Si	9	Hexane:2-PrOH 99:1	UV 215 nm
158	Cyclopentenone prostaglandin precursor	C13 H18 O4	9	Hexane:2-PrOH 85:15	UV 215 nm
159	Cyclopentenone prostaglandin precursor	C19 H32 O4 Si	2	Hexane:2-PrOH 99:1	UV 215 nm
160	Cyclopentenone prostaglandin precursor	C13 H20 N2 O2	3	Hexane:EtOH 60:40	UV 254 nm
161	Cyclopentolate	C17 H25 N O3	3	Hexane:2-PrOH 90:10	UV 254 nm
162	Cyclopentolate	C17 H25 N O3	2	Hexane:2-PrOH 90:10	UV 254 nm
163	trans-Cyclopropane-1,2-N-phenylcarboxamide	C17 H16 N2 O2	4	Hexane:2-PrOH 90:10	UV 254 nm
164	trans-Cyclopropane-dicarboxylic acid	C5 H6 O4	2	Hexane:2-PrOH:HCOOH 95:5:1	UV 214 nm
165	trans-Cyclopropane-dicarboxylphenylamide	C17 H16 N2 O2	2	Hexane:2-PrOH 90:10	UV 254 nm
166	trans-Cyclopropane-dicarboxylphenylamide	C17 H16 N2 O2	1	Hexane:2-PrOH 90:10	UV 254 nm
167	Cyclopyrrolone deriv.	C23 H21 Cl N4 O4	9	Hexane:EtOH 10:90	UV 342 nm
168	Cyclopyrrolone deriv.	C23 H22 Cl N3 O2	9	Hexane:EtOH 10:90	UV 342 nm
169	Cyclopyrrolone deriv.	C22 H19 Cl N4 O4	9	Hexane:EtOH 10:90	UV 342 nm
170	N-Dimethyl-dimethindene	C19 H22 N2	2	Hexane:EtOH:DEA 90:10:0.1	UV 259 nm
171	Deprenyl (selegiline)	C13 H17 N	2	Hexane:2-PrOH 100:1	UV 210 nm
172	N-Desalkyl-propafenone	C18 H21 N O3	2	Hexane:2-BuOH:DEA 85:15:0.1	UV 254 nm
173	N,N'-Di-z-lysine benzyl ester	C29 H32 N2 O6	1	Hexane:2-PrOH:DEA 80:20:0.1	UV 254 nm
174	4-(3-Diazo-3-benzyloxycarbonyl-2-oxopropyl)-2-azetidinone	C14 H13 N3 O4	1	Hexane:2-PrOH 80:20	UV 254 nm
175	4-(3-Diazo-3-benzyloxycarbonyl-2-oxypropyl)-2-azetidinone	C14 H13 N3 O4	2	Hexane:2-PrOH 80:20	UV 254 nm
176	4-(3-Diazo-3-ethoxycarbonyl-2-oxopropyl)-2-azetidinone	C9 H11 N3 O4	1	Hexane:2-PrOH 80:20	UV 220 nm
177	4-(3-Diazo-3-ethoxycarbonyl-2-oxopropyl)-2-azetidinone	C9 H11 N3 O4	2	Hexane:2-PrOH 80:20	UV 220 nm
178	4-(3-Diazo-3-methoxycarbonyl-2-oxopropyl)-2-azetidinone	C8 H9 N3 O4	2	Hexane:2-PrOH 80:20	UV 220 nm
179	4-(3-Diazo-3-methoxycarbonyl-2-oxopropyl)-2-azetidinone	C8 H9 N3 O4	1	Hexane:2-PrOH 80:20	UV 220 nm
180	4-(3-Diazo-3-tert-butoxycarbonyl-2-oxopropyl)-2-azetidinone	C11 H15 N3 O4	1	Hexane:2-PrOH 80:20	UV 220 nm
181	4-(3-Diazo-3-tert-butoxycarbonyl-2-oxopropyl)-2-azetidinone	C11 H15 N3 O4	9	Hexane:2-PrOH 80:20	UV 220 nm
182	4',6-Dichloro-flavan	C15 H12 Cl2 O	2	Hexane:2-PrOH 90:10	DAD 233-,
					253-, 495 nm
183	4,16-Dicyano-[2.2]-paracyclophane	C18 H14 N2	2	Hexane:2-PrOH 90:10	UV 254 nm
184	4,16-Dicyano-[2.2]-paracyclophane	C18 H14 N2	1	Hexane:2-PrOH 90:10	UV 254 nm
185	trans-Diethyl-stilbestrol	C19 H22 O3	3	Hexane:2-PrOH 80:20	UV 254 nm
186	1,4-Dihydro-pyridine deriv.	C21 H24 N2 O8	1	Hexane:EtOH 96:4	UV 240 nm
187	1,4-Dihydro-pyridine deriv.	C22 H26 N2 O8	1	Hexane:EtOH 95:5	UV 240 nm
188	1,4-Dihydro-pyridine deriv.	C19 H20 N2 O8	1	Hexane:EtOH 95:5	UV 240 nm

No.	COMPOUND	FORMULA	COLUMN	ELUENT	DETECTION
189	1,4-Dihydro-pyridine deriv.	C21 H24 N2 O8	1	Hexane:EtOH 96:4	UV 240 nm
190	1,4-Dihydro-pyridine deriv.	C20 H22 N2 O8	1	Hexane:EtOH 95:5	UV 240 nm
191	2-(10,11-Dihydro-10-oxodibenzo[b,f]thiepin-2-yl)propanoic acid	C17 H14 O3 S	3	Hexane:2-PrOH:HAc 90:10:2	UV 254 nm
192	2-(10,11-Dihydro-10-oxodibenzo[b,f]thiepin-2-yl)propanoic acid	C17 H14 O3 S	3	Hexane:2-PrOH 90:10	UV 254 nm
193	2,3-Dihydro-2-phenyl-4H-pyran-4-one	C11 H10 O2	2	Hexane:2-PrOH 90:10	UV 254 nm
194	Dihydropyridine derivative	C22 H30 N2 O3	3	Hexane:2-PrOH 90:10	UV 254 nm
195	2,2′-Dihydroxy-6,6′-dimethyl-1,1′-diphenyl	C14 H14 O2	2	Hexane:2-PrOH 90:10	UV 254 nm
196	2,2′-Dihydroxy-6,6′-dimethyl-1,1′-diphenyl	C14 H14 O2	9	Hexane:2-PrOH 90:10	UV 254 nm
197	2,2′-Dihydroxy-6,6′-dimethyl-1,1′-diphenyl	C14 H14 O2	4	Hexane:2-PrOH 90:10	UV 254 nm
198	2,2′-Dihydroxy-6,6′-dimethyl-1,1′-diphenyl	C14 H14 O2	1	(SFC) CO2:2-PrOH 96:4	UV 254 nm
199	4,16-Dihydroxymethyl-[2.2]paracyclophane	C18 H20 O2	1	Hexane:2-PrOH 90:10	UV 254 nm
200	Diltiazem	C22 H26 N2 O4 S	9	EtOH:DEA 100:1	UV 240 nm
201	Diltiazem	C22 H26 N2 O4 S	2	Hexane:2-PrOH 90:10	UV 254 nm
202	Dimethindene	C20 H24 N2	2	Hexane:EtOH:DEA 90:10:0.1	UV 259 nm
203	Dimethindene-N-oxide	C20 H24 N2 O	2	Hexane:EtOH:DEA 90:10:0.1	UV 259 nm
204	Dimethotiazine	C19 H25 N3 O2 S2	1	Hexane:2-PrOH 90:10	UV 254 nm
205	3,4-Dimethoxybenzylsuccinic acid dimethyl ester	C15 H20 O6	2	Hexane:2-PrOH 90:10	UV 254 nm
206	2,2′-Dimethyl-6,6′-dihydroxy-biphenyl	C14 H14 O2	1	Hexane:2-PrOH 90:10	UV 254 nm
207	2,2-Dimethyl-1-phenyl-1-propanol	C11 H16 O	2	Hexane:2-PrOH 95:5	UV 254 nm
208	2,4-Dimethyl-delta-valerolacton	C7 H12 O2	1	Hexane:EtOH 95:5	UV 215 nm
209	3,3′-Dimethyl-1,1′-bi-2-naphthol	C22 H18 O2	2	Hexane:2-PrOH 98:2	UV 254 nm
210	3,6-Dimethyl-4-chromanone	C11 H12 O2	3	Hexane:2-PrOH 99:1	UV 240 nm
211	6,6′-Dimethyl-biphenyl-2,2′-dicarboxylic acid dimethyl ester	C18 H18 O4	9	Hexane:2-PrOH 90:10	UV 254 nm
212	1,1′-Dimethyl-binaphthalene-2,2′-dicarboxylate	C24 H18 O4	2	Hexane:2-PrOH 90:10	UV 254 nm
213	Dimethyl-2,3-diphenyltartrate	C18 H18 O6	2	Hexane:2-PrOH 90:10	UV 254 nm
214	1-(2,3-Dinitro-phenoxy)-2′,3′-epoxypropane	C9 H8 N2 O6	2	Hexane:2-PrOH 75:25	UV 254 nm
215	1,2-Diphenyl-cyclopropane	C15 C14	3	Hexane:2-PrOH 90:10	UV 254 nm
216	1,2-Diphenyl-ethane-1,2-diol	C14 H14 O2	3	Hexane:2-PrOH 90:10	UV 254 nm
217	1,2-Diphenyl-ethanol	C14 H14 O	2	Hexane:2-PrOH 90:10	UV 254 nm
218	1,2-Diphenyl-ethylamine	C14 H15 N	2	Hexane:2-PrOH 90:10	UV 254 nm
219	1,3-Diphenyl-pentan-1-one	C17 H18 O	2	Hexane:2-PrOH 99.75:0.25	UV 254 nm
220	Diphenyl(trans-)-cyclopropane-carboxylic acid	C16 H14 O2	2	Hexane:2-PrOH:HCOOH 95:5:1	UV 254 nm
221	trans-2,3-Diphenyl-oxirane	C14 H12 O	9	Hexane:2-PrOH 90:10	UV 254 nm
222	trans-2,3-Diphenyl-oxirane	C14 H12 O	3	Hexane:2-PrOH 90:10	UV 254 nm
223	trans-2,3-Diphenyl-oxirane	C14 H12 O	2	Hexane:2-PrOH 90:10	UV 254 nm
224	trans-2,3-Diphenyl-oxirane	C14 H12 O	4	Hexane:2-PrOH 90:10	UV 254 nm
225	trans-2,3-Diphenyl-oxirane	C14 H12 O	1	Hexane:2-PrOH 90:10	UV 254 nm
226	Diprafenone	C23 H31 N O3	2	Hexane:2-PrOH 90:10	UV 254 nm
227	Epoxy-alcohol deriv.	C17 H22 O3	2	Hexane:2-PrOH 90:10	UV 254 nm
228	3-(1,2-Epoxyethyl)-1,5-dihydro-3H-2,4-benzodiazepine	C11 H12 O3	3	Hexane:2-PrOH 80:20	UV 254 nm
229	Esermethole	C14 H20 N2 O	3	Hexane:2-PrOH 95:5	
230	Ethiazide	C9 H12 Cl N3 O4 S2	4	Hexane:EtOH 80:20	UV 254 nm
231	Ethotoin	C11 H12 N2 O2	3	Hexane:2-PrOH 90:10	UV 254 nm
232	4-Ethoxycarbonyl-[2.2]paracyclophane	C19 H20 O2	2	Hexane:2-PrOH 90:10	UV 254 nm
233	Ethyl 2-acetamido-2-methyl-3-phenylpropionate	C14 H19 N O3	2	Hexane:2-PrOH 90:10	UV 254 nm
234	Ethyl 2-hydroxy-2-methyl-3(3-methoxy-4-hydroxyphenyl) propionate	C13 H18 O5	2	Hexane:2-PrOH 80:20	UV 254 nm
235	Ethyl 3-ethoxy-3-phenyl-propionate	C13 H18 O3	2	Hexane:2-PrOH 90:10	UV 250 nm
236	1-Ethyl-phenylacetic acid	C10 H12 O2	2	Hexane:2-PrOH:HCOOH 98:2:1	UV 254 nm
237	2-(3-Ethyl-phenyloxy)propanoic acid	C11 H14 O3	2	Hexane:2-PrOH:HCOOH 90:10:1	UV 260 nm
238	2-(o-Ethyl-phenoxy)-propanoic acid	C11 H14 O3	2	Hexane:2-PrOH:HCOOH 90:10:1	UV 260 nm
239	2-(o-Ethylphenoxy-propanoic acid ethyl ester	C13 H18 O3	2	Hexane:2-PrOH 90:10	UV 260 nm
240	Ethylbenzoin	C16 H16 O2	4	Hexane:2-PrOH 90:10	UV 254 nm
241	Ethylsuccinic dianilide	C18 H20 N2 O2	2	Hexane:2-PrOH 90:10	UV 254 nm
242	Etodolac	C17 H21 N O3	2	Hexane:2-PrOH 90:10	UV 230 nm
243	Etodolac	C17 H21 N O3	2	Hexane:2-PrOH 90:10 (0.1% TFA)	UV 230 nm
244	Felodipine	C18 H19 Cl2 N O4	3	Hexane:2-PrOH 87.5:12.5	UV 240 nm
245	Fenoldopam	C16 H16 Cl N O3	3	Hexane:EtOH 80:20	UV 254 nm
246	Fenoprofen	C15 H14 O3	3	Hexane:2-PrOH:HAc 90:10:0.05	UV 254 nm
247	Ferrocenyl deriv.	C8 H9 O2.C5 H5.Fe	2	1.3 M 2-PrOH in Hexane	UV 220 nm
248	Flecainide	C17 H20 F6 N2 O3	2	Hexane:2-PrOH 92:8	UV 254 nm
249	4-Fluoro-[2.2]-paracyclophane	C16 H15 F	1	Hexane	UV 254 nm
250	6-Fluorobenzopyran-2-carboxylic acid ethyl ester	C12 H13 F O3	3	Hexane:2-PrOH 90:10	UV 254 nm

No.	COMPOUND	FORMULA	COLUMN	ELUENT	DETECTION
251	6-Fluorobenzopyran-2-carboxylic acid methyl ester	C11 H11 F O3	3	Hexane:2-PrOH 90:10	UV 254 nm
252	6-Fluorobenzopyran-2-carboxylic acid octyl ester	C18 H25 F O3	3	Hexane:2-PrOH 90:10	UV 254 nm
253	Flurbiprofen	C15 H13 F O2	1	Hexane:2-PrOH:TFA 95:5:1	UV 254 nm
254	Flurbiprofen methyl ester	C16 H15 F O2	3	Hexane:2-PrOH 90:10	UV 254 nm
255	Flurbiprofen-1-naphthalene-methylamide	C26 H22 F N O	9	Hexane:Dioxane 90:10	UV 254 nm
256	Flurbiprofen-1-naphthalene-methylamide	C26 H22 F N O	9	Hexane:MeOH 95:5	UV 254 nm
257	Flurbiprofen-1-naphthalene-methylamide	C26 H22 F N O	9	Hexane:MeOH 97:3	UV 254 nm
258	Flurbiprofen-phenethylamide	C23 H22 F N O	9	Hexane:MeOH 97:3	UV 254 nm
259	Flutazolam	C19 H19 F N2 O3	1	Hexane:2-PrOH 90:10	UV 254 nm
260	Folinic acid (Leucovorin)	C20 H23 N7 O7	9	MeOH	UV 287 nm
261	Furoin	C10 H8 O4	2	Hexane:2-PrOH 90:10	UV 254 nm
262	Glutethimide	C13 H15 N O2	3	Hexane:EtOH 60:40	UV 254 nm
263	Glutethimide	C13 H15 N O2	3	EtOH:H2O 96:4	UV 254 nm
264	Glutethimide	C13 H15 N O2	3	Hexane:2-PrOH 60:40	UV 254 nm
265	Glycidol-benzoate	C10 H10 O3	2	Hexane:2-PrOH 98:2	UV 254 nm
266	Glycidyl tosylate	C10 H12 O4 S	2	Hexane:2-PrOH 99:1	UV 230 nm
267	Goniothalamin	C13 H12 O2	3	Hexane:2-PrOH 90:10	UV 254 nm
268	Guaifenesin (Guaiacol glyceryl ether)	C10 H14 O4	2	Hexane:2-PrOH:DEA 80:20:0.1	UV 275 nm
269	Guaifenesin (Guaiacol glyceryl ether)	C10 H14 O4	2	ACN:H2O(0.4 M NaClO4) 20:80	UV 275 nm
270	Guaifenesin (Guaiacol glyceryl ether)	C10 H14 O4	2	Hex.:abs.EtOH 50:50(0.5%DEA)	UV 275 nm
271	1,2,3,4,5,6-Hexachloro-cyclohexane	C6 H6 Cl6	9	Hexane:2-PrOH 90:10	
272	Hexobarbital	C12 H16 N2 O3	3	Hexane:2-PrOH 90:10	UV 230 nm
273	Homatropine	C16 H21 N O3	2	Hexane:2-PrOH:DEA 80:20:0.1	UV 254 nm
274	Homatropine	C16 H21 N 03	2	Hexane:2-PrOH:DEA 80:20:0.1	UV 254 nm
275	Homochlorcyclizine	C19 H23 Cl N2	2	0.2 M Isopropylamin in Hexane	UV 265 nm
276	1-Hydroxy-1-phenyl-3-heptanone	C13 H18 O2	1	Hexane:2-PrOH 95:5	UV 254 nm
277	1-Hydroxy-1-phenylethan	C8 H10 O	2	Hexane:2-PrOH 98:2	UV 254 nm
278	11-Hydroxy-5Z,8Z,12E,14Z-eicosatetraenoic acid	C20 H32 O3	9	Hexane:2-PrOH 99:1	UV 235 nm
279	11-Hydroxy-5Z,8Z,12E,14Z-eicosatetraenoic acid methyl ester	C21 H34 O3	2	Hexane:2-PrOH 99.5:0.5	UV 235 nm
280	12-Hydroxy-5Z,8Z,10E,14Z-eicosatetraenoic acid methyl ester	C21 H34 O3	9	Hexane:2-PrOH 99:1	UV 234 nm
281	12-Hydroxy-5Z,8Z,10E,14Z-eicosatetraenoic acid methyl ester	C21 H34 O3	2	Hexane:2-PrOH 98:2	UV 235 nm
282	12-Hydroxy-9Z,13E-octadecadienoic acid methyl ester	C19 H34 O3	2	Hexane:2-PrOH 99:1	UV 202 nm
283	13-Hydroxy-9Z,11E-octadecadienoic acid	C18 H32 O3	9	Hexane:2-PrOH 97:3	UV 235 nm
284	13-Hydroxy-9Z,11E-octadecadienoic acid	C18 H32 O3	2	Hexane:2-PrOH 97:3	UV 235 nm
285	13-Hydroxy-9Z,11E-octadecadienoic acid methyl ester	C19 H34 O3	2	Hexane:2-PrOH 99:1	UV 235 nm
286	13-Hydroxy-9Z,11E-octadecadienoic acid methyl ester	C19 H34 O3	9	Hexane:2-PrOH 99:1	UV 235 nm
287	13-Hydroxy-9Z,11E-octadecadienoic acid methyl ester	C19 H34 O3	2	Hexane:2-PrOH 98:2	UV 235 nm
288	15-Hydroxy-5Z,8Z,11Z,13E-eicosatetraenoic acid	C20 H32 O3	2	Hexane:2-PrOH 99.1	UV 235 nm
289	3-Hydroxy-halazepam	C17 H12 Cl F3 N2O2	9	Hexane:CH2Cl2:2-PrOH 77:20:3	UV 254 nm
290	4-Hydroxy-2-cyclopentenone (silyliert)	C11 H20 O2 Si	9	Hexane:2-PrOH 98:2	UV 214 nm
291	4-Hydroxy-2-cyclopentenone (silyliert)	C11 H20 O2 Si	2	Hexane:2-PrOH 98:2	UV 214 nm
292	4-Hydroxy-2-cyclopentenone (trimethylsilyl-)	C8 H14 O2 Si	9	Hexane:2-PrOH 90:10	UV 214 nm
293	4-Hydroxy-2-cyclopentenone deriv.	C18 H18 O2 Si	9	Hexane:2-PrOH 90:10	UV 254 nm
294	4-Hydroxy-2-cyclopentenone deriv.	C13 H16 O2 Si	9	Hexane:2-PrOH 90:10	UV 254 nm
295	4-Hydroxy-5-(4'-methoxyphenoxy)-1-pentyne	C12 H14 O3	2	Hexane:2-PrOH 90:10	UV 254 nm
296	4-Hydroxy-glutethimide	C13 H15 N O3	3	Hexane:2-PrOH 25:75	UV 254 nm
297	4-Hydroxy-glutethimide	C13 H15 N O3	3	Hexane:EtOH 60:40	UV 254 nm
298	5-Hydroxy-6E,8Z,11Z,14Z-eicosatetraenoic acid methyl ester	C21 H34 O3	9	Hexane:2-PrOH 99.5:0.5	UV 235 nm
299	5-Hydroxy-diprafenone	C23 H31 N O4	2	Hexane:2-BuOH:HAc 80:20:0.85	UV 254 nm
300	5-Hydroxy-propafenone	C21 H27 N O4	2	Hexane:2-BuOH:HAc 80:20:0.85	UV 254 nm
301	8-Hydroxy-5Z,9E,11Z,14Z-eicosatetraenoic acid methyl ester	C21 H34 O3	2	Hexane:2-PrOH 98:2	UV 235 nm
302	9-Hydroxy-10E,12Z-octadecadienoic acid methyl ester	C19 H34 O3	2	Hexane:2-PrOH 98:2	UV 235 nm
303	9-Hydroxy-10E,12Z-octadecadienoic acid methyl ester	C19 H34 O3	9	Hexane:2-PrOH 99:1	UV 235 nm
304	2-(p-Hydroxy-phenoxy)-propionic acid	C10 H12 O4	3	Hexane:2-PrOH 90:10	UV 254 nm
305	Hydroxycyclopentenone deriv.	C13 H18 O4	9	Hexane:2-PrOH 85:15	UV 215 nm
306	4-Hydroxymethyl-[2.2]paracyclophane	C17 H18 O	2	Hexane:2-PrOH 90:10	UV 254 nm
307	5,10-trans-bis(2-Hydroxynaphthyl-octaethylporphyrin zinc compl.	C56 H56 N4 O2 Zn	1	Hexane:2-PrOH 95:5	UV 254 nm
308	5-(p-Hydroxyphenyl)-5-phenylhydantoin	C15 H12 N2 O3	3	EtOH:H2O 70:30	UV 228 nm
309	Hydroxyzine	C21 H27 Cl N2 O2	2	ACN:H2O(0.1 M NaPF6) 40:60	UV 254 nm
310	Hydroxyzine	C21 H27 Cl N2 O2	2	Hexane:2-PrOH 90:10	UV 254 nm
311	Hydroxyzine	C21 H27 Cl N2 O2	3	Hexane:2-PrOH 90:10	UV 254 nm
312	Hydroxyzine	C21 H27 Cl N2 O2	1	Hexane:2-PrOH 90:10	UV 254 nm
313	Ibuprophenpinocol	C19 H23 N O2	2	Hexane:2-PrOH 90:10	UV 254 nm

No.	COMPOUND	FORMULA	COLUMN	ELUENT	DETECTION
314	Ibuprophenpinocol	C19 H23 N O2	1	Hexane:2-PrOH 90:10	UV 254 nm
315	Ifosfamide	C7 H15 Cl2 N2 O2 P	2	Hexane:2-PrOH 90:10	UV 220 nm
316	Indapamide	C16 H16 Cl N3 O3 S	3	ACN:H2O 40:60	UV 254 nm
317	Indapamide	C16 H16 Cl N3 O3 S	2	ACN:H2O 40:60	UV 254 nm
318	Indenestrol A	C18 H18 O2	3	Hexane:2-PrOH 80:20	UV 254 nm
319	Indenestrol B	C18 H18 O2	3	Hexane:2-PrOH 80:20	UV 254 nm
320	Iopanoic acid	C11 H12 I3 N O2	2	Hexane:EtOH:HAc 96.5:3:0.5	UV 254 nm
321	Isradipine	C19 H21 N3 O5	1	Hexane:2-PrOH:CHCl3 85:10:5	UV 254 nm
322	Isradipine	C19 H21 N3 O5	1	Hexane:2-PrOH 90:10	UV 254 nm
323	Isradipine	C19 H21 N3 O5	3	Hexane:2-PrOH 87.5:12.5	UV 240 nm
324	Ketoprofen	C16 H14 O3	1	Hexane:2-PrOH:TFA 80:20:1	UV 254 nm
325	Ketoprofen	C16 H14 O3	3	Hexane:2-PrOH:HAc 90:10:0.05	UV 254 nm
326	Laudanosine	C21 H27 N O4	2	Hexane:2-PrOH:DEA 80:20:0.1	UV 254 nm
327	Lorazepam	C15 H10 Cl2 N2 O2	9	Hexane:(CHCl2)2:2-PrOH 75:20:5	UV 230 nm
328	Lorazepam	C15 H10 Cl2 N2 O2	9	Hexane:(CHCl2)2:2-PrOH 72:20:8	UV 230 nm
329	Mandelic acid	C8 H8 O3	2	Hexane:2-PrOH:HCOOH 80:20:1	UV 254 nm
330	Mandelic acid	C8 H8 O3	2	Hexane:2-PrOH:TFA 80:20:1	UV 254 nm
331	Mandelic acid	C8 H8 O3	2	Hex.:2-PrOH:CHCl2COOH 80:20:1	UV 254 nm
332	Mandelic acid	C8 H8 O3	2	Hexane:2-PrOH:CCl3COOH 80:20:1	UV 254 nm
333	Mandelic acid methyl ester	C9 H10 O3	3	Hexane:2-PrOH 90:10	UV 254 nm
334	Manidipine	C35 H38 N4 O6	3	Hexane:EtOH:MeOH 80:15:5	UV 230 nm
335	Mephobarbital	C13 H14 N2 O3	3	EtOH:H2O 96:4	UV 254 nm
336	Mephobarbital	C13 H14 N2 O3	3	ACN:H2O 40:60	UV 254 nm
337	Methaqualone	C16 H14 N2 O	3	EtOH:H2O 96:4	UV 254 nm
338	Methaqualone	C16 H14 N2 O	3	ACN:H2O 40:60	UV 254 nm
339	Methocarbamol (Robaxin)	C11 H15 N O5	2	ACN:H2O(0.4 M NaClO4) 20:80	UV 275 nm
340	Methocarbamol (Robaxin)	C11 H15 N O5	2	Hex.:abs.EtOH 50:50(0.5%DEA)	UV 275 nm
341	1-Methoxy-phenylacetic acid	C9 H10 O3	2	Hexane:2-PrOH:HCOOH 90:10:1	UV 254 nm
342	2-Methoxy 2-phenylethyl 3-phenylpropionate	C18 H20 O3	2	Hexane:2-PrOH 97:3	UV 260 nm
343	4'-Methoxy-5-methoxy-6-methoxy-flavanone	C18 H18 O5	2		UV 254 nm
344	4'-Methoxy-flavanone	C16 H14 O3	2	Hexane:2-PrOH 90:10	UV 254 nm
345	1-(4-Methoxy-phenyl)-3-phenyl-pentan-1-one	C18 H20 O2	2	Hexane:2-PrOH 99.75:0.25	UV 254 nm
346	O-(4-Methoxy-phenyl)-glycerol	C10 H14 O4	2	Hexane:2-PrOH:DEA 80:20:0.1	UV 254 nm
347	O-(4-Methoxy-phenyl)-glycidylether	C10 H12 O3	2	Hexane:2-PrOH 91:9	UV 254 nm
348	sec-[4-(-6-Methoxy-2-benzoxazolyl)]phenethyl alcohol	C16 H15 N O3	2	Hexane:2-PrOH 93:7	Fl 315/375
349	2-(6-Methoxy-2-naphthalene)-propionitrile	C14 H13 N O	3	Hexane:2-PrOH 95:5	UV 254 nm
350	6-Methoxy-flavanone	C16 H14 O3	2	Hexane:2-PrOH 90:10	UV 254 nm
351	alpha-Methoxy-phenylacetic acid naphthalenemethylamide	C20 H19 N O2	9	Hexane:MeOH 97:3	UV 254 nm
352	alpha-Methoxy-phenylacetic acid naphthalenemethylamide	C20 H19 N O2	9	Hexane:MeOH 98:2	UV 254 nm
353	Methoxyphenamine	C11 H17 N O	2	Hexane:2-PrOH 90:10	UV 254 nm
354	Methoxyphenamine	C11 H17 N O	2	Hexane:2-PrOH 98:2	UV 254 nm
355	1-(b[3-(p-Methoxyphenyl-propyloxy]-p-methoxyphenethyl}-1H-imidazole	C22 H26 N2 O3	3	Hexane:EtOH 80:20	UV 254 nm
356	Methsuximide	C12 H13 N O2	3	EtOH:H2O 96:4	UV 254 nm
357	Methyl 2-(phenoxy)propionate	C10 H12 O3	2	Hexane:2-PrOH:HCOOH 90:10:1	UV 254 nm
358	Methyl 2-benzylsuccinoate	C13 H16 O4	9	Hexane:2-PrOH 75:25	UV 220 nm
359	Methyl 4-benzyloxy-3-hydroxybutanoate	C12 H16 O4	2	Hexane:2-PrOH 90:10	UV 254 nm
360	1-Methyl-phenylacetic acid	C9 H10 O2	2	Hexane:2-PrOH:HCOOH 98:2:1	UV 254 nm
361	13-Methyl-tetrahydroprotoberberine	C22 H27 N O4	9	EtOH	UV 254 nm
362	2-(3-Methyl-phenyloxy)propanoic acid ethyl ester	C12 H16 O3	2	Hexane:2-PrOH 90:10	UV 260 nm
363	2-(3-Methyl-phenyloxy)propionic acid	C10 H12 O3	2	Hexane:2-PrOH:HCOOH 95:4.5:0.5	UV 260 nm
364	2-(4-Methyl-phenyloxy)propanoic acid ethyl ester	C12 H16 O3	2	Hexane:2-PrOH 90:10	UV 260 nm
365	N-Methyl-3,4-diphenyl-tetrahydro-isoquinolin-4-ol	C22 H21 N O	3	Hexane:2-PrOH 93.75:6.25	UV 220 nm
366	N-Methyl-4-methoxy-3-allyl-3-methyl-oxindole	C14 H17 N O2	3	Hexane:2-PrOH 98:2	
367	N-Methyl-4-methoxy-3-pentenyl-3-methyl-oxindole	C16 H21 N O2	3	Hexane:2-PrOH 90:10	
368	N-Methyl-etioporphyrin	C33 H40 N4	2	Hexane:2-PrOH:DEA 95:5:0.1	UV 254 nm
369	N-Methyl-verapamil	C28 H41 N2 O4	2	ACN:H2O(0.5 M NaClO4) 40:60	UV 254 nm
370	alpha-Methyl-mandelic acid	C9 H10 O3	1	Hexane:2-PrOH:HCOOH 90:10:1	UV 254 nm
371	Methyl-7-[3-hydroxy-5-oxo-1-cyclopenten-1-yl]-4(Z)-heptenoate	C13 H18 O4	2	Hexane:2-PrOH 93:7	UV 214 nm
372	Methyl-alpha-amino-beta-hydroxy-4-nitrophenyl-propionate	C10 H12 N2 O5	3	Hexane:2-PrOH 70:30	UV 254 nm
373	Methyl-dihydrojasmonate	C13 H22 O3	4	Hexane:2-PrOH 98:2	UV 230 nm
374	Methyl-epijasmonate	C13 H20 O3	4	Hexane:2-PrOH 90:10	UV 230 nm
375	Methyl-jasmonate	C13 H20 O3	4	Hexane:2-PrOH 90:10	UV 230 nm

No.	COMPOUND	FORMULA	COLUMN	ELUENT	DETECTION
376	Methyl-phenyl sulfoxide	C7 H8 O S	2	Hexane:2-PrOH 90:10	UV 254 nm
377	(3,4-Methylene-dioxybenzyl)succinic acid dimethyl ester	C14 H16 O6	2	Hexane:2-PrOH 90:10	UV 254 nm
378	alpha-Methylene-gamma-butyrolactam deriv.	C19 H19 N O3	9	Hexane:EtOH 85:15	UV 254 nm
379	Methylphenylsuccimide	C11 H11 N O2	3	ACN:H2O 40:60	UV 254 nm
380	Metixene	C20 H23 N S	1	Hexane:2-PrOH 90:10	UV 254 nm
381	Metoprolol	C15 H25 N O3	2	Hexane:2-PrOH:DEA 90:10:0.01	UV 254 nm
382	Metoprolol	C15 H25 N O3	2	Hexane:2-PrOH(10mMOctNH2)90:10	UV 254 nm
383	Metoprolol	C15 H25 N O3	2	Hexane:2-PrOH:DEA 80:20:0.1	UV 254 nm
384	Metoprolol	C15 H25 N O3	2	Hexane:EtOH 90:10	UV 254 nm
385	Metoprolol	C15 H25 N O3	2	Hexane:2-PrOH:DEA 91:8:1	UV 254 nm
386	Metoprolol	C15 H25 N O3	2	Hexane:EtOH:DEA 90:10:0.1	UV 220 nm
387	Mianserin	C18 H20 N2	3	Hexane:2-PrOH 90:10	UV 210 nm
388	Muscon	C16 H30 O	4	Hexane:2-PrOH 90:10	
389	3-(alpha-Naphthoxy)-nitropropan-2-ol	C13 H13 N O4	4	Hexane:2-PrOH 90:10	UV 270 nm
390	4-[1-(1-Naphthyl)-ethyl]-1H-imidazole	C15 H14 N2	2	Hexane:2-PrOH 90:10	UV 280 nm
391	1-Naphthyl-ethanol	C12 H12 O	3	Hexane:2-PrOH 90:10	UV 254 nm
392	1-(1-Naphthyl)-ethanol	C12 H12 O	9	Hexane:2-PrOH 90:10	UV 254 nm
393	1-(1-Naphthyl)-ethanol	C12 H12 O	2	Hexane:2-PrOH 90:10	UV 254 nm
394	1-(2-Naphthyl)-ethanol	C12 H12 O	3	Hexane:2-PrOH 90:10	UV 254 nm
395	Naproanilide	C19 H17 N O2	3	Hexane:2-PrOH 90:10	UV 254 nm
396	Napropamide	C17 H21 N O2	9	Hexane:2-PrOH 90:10	UV 254 nm
397	Naproxen	C14 H14 O3	2	Heptane:2-PrOH:TFA95:4.95:0.05	UV 230 nm
398	Nicardipine	C26 H29 N3 O6	2	Hexane:2-PrOH:EtOH 95:4:1	UV 255 nm
399	Nicardipine	C26 H29 N3 O6	3	Hexane:2-PrOH 87.5:12.5	UV 240 nm
400	Niguldipine	C35 H39 N3 O4	3	Hexane:2-PrOH 87.5:12.5	UV 240 nm
401	Nilvadipine	C19 H19 N3 O6	2	Hexane:2-PrOH:EtOH 95:4:1	UV 255 nm
402	Nimodipine	C21 H26 N2 O7	3	Hexane:2-PrOH 87.5:12.5	UV 240 nm
403	Nisoldipine	C20 H24 N2 O6	3	Hexane:2-PrOH 87.5:12.5	UV 240 nm
404	Nisoldipine	C20 H24 N2 O6	2	Hexane:2-PrOH:EtOH 95:4:1	UV 255 nm
405	Nisoldipine	C20 H24 N2 O6	3	Heptane:2-PrOH 88:12(+0.2%TFA)	UV 240 nm
406	Nitrendipine	C18 H20 N2 O6	1	Hexane:2-PrOH 90:10	UV 240 nm
407	Nitrendipine	C18 H20 N2 O6	3	Hexane:2-PrOH 87.5:12.5	UV 240 nm
408	1-Nitro-2-heptanol	C7 H15 N O3	4	Hexane:2-PrOH 90:10	UV 270 nm
409	3-Nitro-benzenesulfonate deriv.	C9 H9 N O6 S	2	Hexane:2-PrOH 80:20	UV 220 nm
410	4-Nitro-phenyloxy)propanoic acid methyl ester (2-	C10 H11 N O5	2	Hexane:2-PrOH:HCOOH 94.5:5:0.5	UV 260 nm
411	Nivaldipine	C19 H19 N3 O6	3	Hexane:2-PrOH 87.5:12.5	UV 240 nm
412	trans-5-Norbornene-2,3-dicarboxylic acid	C9 H10 O4	2	Hexane:2-PrOH:HCOOH 95:5:1	UV 214 nm
413	trans-5-Norbornene-2,3-dicarboxylic acid	C9 H10 O4	1	Hexane:2-PrOH:HCOOH 90:10:1	UV 214 nm
414	Nortricyclanol-phenylcarbamate	C14 H15 N O2	1	Hexane:2-PrOH 99:1	UV 254 nm
415	Norverapamil	C26 H36 N2 O4	1	Hexane:2-PrOH:EtOH 85:7.5:7.5	Fl 272/317
416	1-O-Octadecyl-3-O-trityl-glycerol	C40 H58 O3	2	Hexane:2-PrOH 99.4:0.6	UV 254 nm
417	Ofloxacine methyl ester	C19 H22 F N3 O4	4	Hexane:EtOH 80:20	UV 254 nm
418	Oltran	C4 H10 N O3 P S	9	Hexane:2-PrOH 90:10	UV 220 nm
419	Omeprazole	C17 H19 N3 O3 S	1	Hexane:EtOH 80:20	UV 254 nm
420	Omeprazole	C17 H19 N3 O3 S	9	Hexane:2-PrOH:DEA 80:20:0.1	UV 254 nm
421	Omeprazole deriv.	C16 H17 N3 O S	9	Hexane:2-PrOH:DEA 80:20:0.1	UV 254 nm
422	Orphenadrine	C18 H23 N O	2	Hexane:2-PrOH 90:10	UV 254 nm
423	Oxazepam	C15 H11 Cl N2 O2	9	Hexane:2-PrOH:DEA 80:20:0.1	UV 254 nm
424	Oxazepam	C15 H11 Cl N2 O2	3	Hexane:2-PrOH 90:10	UV 254 nm
425	Oxazepam	C15 H11 Cl N2 O2	4	Hexane:EtOH 90:10	UV 254 nm
426	Oxindole deriv.	C15 H20 N2 O4	2	Hexane:2-PrOH 90:10	UV 254 nm
427	Oxindole deriv.	C20 H20 N4 O7	2	Hexane:EtOH 90:10	UV 254 nm
428	Oxiracetam	C6 H10 N2 O3	9	Hexane:EtOH 75:25	UV 205 nm
429	Oxprenolol	C15 H23 N O3	2	Hexane:2-PrOH:DEA 80:20:0.1	UV 254 nm
430	Oxyphenecyclimine	C20 H28 N2 O3	1	Hexane:2-PrOH 90:10	UV 254 nm
431	Paracyclophane [2.2]- deriv.	C23 H21 N3 O2	2	Hexane:2-PrOH 90:10	UV 254 nm
432	Penbutolol	C17 H27 N O2	2	Hexane:2-PrOH:DEA 90:10:0.4	UV 254 nm
433	Pentane-2,4-diol-diphenylcarbamate	C19 H22 N2 O4	2	Hexane:2-PrOH 80:20	UV 254 nm
434	2,4-Pentanedionate-(tris)-ruthenium (III)	C15 H21 O6 Ru	9	Hexane:2-PrOH 90:10	UV 270 nm
435	Perisoxal	C16 H20 N2 O2	2	Hexane:2-PrOH 90:10	UV 254 nm
436	Perisoxal	C16 H20 N2 O2	2	Hexane:2-PrOH:DEA 90:10:0.1	UV 254 nm
437	1-Phenoxy-2-propanol	C9 H12 O2	2	1.3 M 2-PrOH in Hexane	UV 254 nm
438	1-Phenoxy-2-propanol	C9 H12 O2	2	1.3 M Benzene in ACN	UV 254 nm

No.	COMPOUND	FORMULA	COLUMN	ELUENT	DETECTION
439	1-Phenoxy-2-propanol	C9 H12 O2	2	1.3 M 2-PrOH in ACN	UV 254 nm
440	1-Phenoxy-2-propanol	C9 H12 O2	2	ACN	UV 254 nm
441	1-Phenoxy-2-propanol	C9 H12 O2	2	Hexane:2-PrOH 90:10	UV 254 nm
442	1-Phenoxy-2-propanol	C9 H12 O2	2	ACN:H2O 40:60	UV 254 nm
443	(3E)-[2(-2'-Phenoxy-isopropyl)oxy]pentenenitrile	C14 H17 N O2	2	Hexane:2-PrOH 99.75:0.25	UV 254 nm
444	2-Phenoxy-propanoic acid	C9 H10 O3	2	Hexane:2-PrOH:HCOOH 90:10:1	UV 254 nm
445	2-Phenoxy-propanoic acid	C9 H10 O3	1	Hexane:2-PrOH:HCOOH 90:10:1	UV 254 nm
446	2-Phenoxy-propionic acid methyl ester	C10 H12 O3	3	Hexane:2-PrOH 90:10	UV 254 nm
447	N-Phenoxycarbonyl-alanine benzyl ester	C17 H17 N O4	9	Hexane:2-PrOH 80:20	UV 254 nm
448	N-Phenoxycarbonyl-alanine benzyl ester	C17 H17 N O4	1	Hexane:2-PrOH 90:10	UV 254 nm
449	N-Phenoxycarbonyl-alanine ethyl ester	C12 H15 N O4	2	Hexane:2-PrOH 90:10	UV 254 nm
450	N-Phenoxycarbonyl-alanine ethyl ester	C12 H15 N O4	1	Hexane:2-PrOH 90:10	UV 254 nm
451	1-Phenyl-1-hexanol	C12 H18 O	2	Hexane:2-PrOH 98:2	UV 254 nm
452	1-Phenyl-1-propanol	C9 H12 O	2	Hexane:2-PrOH 98:2	UV 254 nm
453	1-Phenyl-hept-1-yn-3-ol	C13 H16 O	2	Hexane:2-PrOH 95:5	UV 254 nm
454	1-Phenyl-pentan-3-ol	C11 H16 O	2	Hexane:2-PrOH 95:5	UV 254 nm
455	1-Phenyl-propyn-1-ol	C9 H8 O	3	Hexane:2-PrOH 90:10	UV 254 nm
456	2-Phenyl-1-benzopyran-4-one	C15 H12 O2	2	Hexane:2-PrOH 90:10	UV 254 nm
457	2-Phenyl-1-benzopyran-4-one	C15 H12 O2	1	(SFC) CO2:2-PrOH 96:4	UV 254 nm
458	2-Phenyl-2-butanol	C10 H14 O	2	Hexane:2-PrOH 98:2	UV 254 nm
459	2-Phenyl-4-hydroxymethyl-2-oxazoline	C10 H11 N O2	2	Hexane:2-PrOH 75:25	UV 264 nm
460	2-Phenyl-butanoic acid	C10 H12 O2	2	ACN:0.05 N NaClO4(pH 2) 60:40	UV 254 nm
461	2-Phenyl-butanoic acid	C10 H12 O2	2	ACN:0.5 M NaClO4 (pH 2) 40:60	UV 254 nm
462	2-Phenyl-cyclohexanone	C12 H14 O	9	Hexane:2-PrOH 90:10	UV 254 nm
463	2-Phenyl-cyclohexanone	C12 H14 O	2	Hexane:2-PrOH 90:10	UV 254 nm
464	2-Phenyl-cyclohexanone	C12 H14 O	3	EtOH:H2O 96:4	UV 254 nm
465	2-Phenyl-cyclohexanone	C12 H14 O	4	Hexane:2-PrOH 90:10	UV 254 nm
466	2-Phenyl-propanoic acid	C9 H10 O2	1	Hexane:2-PrOH:TFA 90:10:1	UV 254 nm
467	2-Phenyl-propanoic acid methyl ester	C10 H12 O2	3	Hexane:2-PrOH 90:10	UV 254 nm
468	2-Phenyl-propionic acid	C9 H10 O2	2	Hexane:2-PrOH:TFA 98:2:1	UV 254 nm
469	3-Phenyl-butanoic acid	C10 H12 O2	2	ACN:0.5 M NaClO4 (pH 2) 40:60	UV 254 nm
470	3-Phenyl-butanoic acid methyl ester	C11 H14 O2	3	Hexane:2-PrOH 90:10	UV 254 nm
471	4-Phenyl-1,3-dioxane	C10 H12 O2	2	Hexane:2-PrOH 90:10	UV 254 nm
472	4-Phenyl-2-butanol	C10 H14 O	2	1.3 M 2-PrOH in Hexane	UV 254 nm
473	4-Phenyl-2-butanol methyl ether	C11 H16 O	2	1.3 M 2-PrOH in ACN	UV 254 nm
474	4-Phenyl-2-butanol methyl ether	C11 H16 O	2	1.3 M 2-PrOH in Hexane	UV 254 nm
475	4-Phenyl-2-butanol methyl ether	C11 H16 O	2	ACN	UV 254 nm
476	5-Phenyl-1,3-pentan-diol	C11 H16 O2	2	Hexane:2-PrOH 95:5	UV 254 nm
477	5-Phenyl-2,2-dimethyl-1,3-pentandiol	C13 H20 O2	2	Hexane:2-PrOH 95:5	UV 254 nm
478	trans-Phenyl-cyclopropane carboxylic acid	C10 H10 O2	2	Hexane:2-PrOH:HCOOH 90:10:1	UV 254 nm
479	trans-1-Phenyl-2(4chlorophenyl)cyclopropane	C15 H13 Cl	2	Hexane:2-PrOH 90:10	UV 254 nm
480	Phenylcarbamate-2-butenol	C11 H13 N O2	2	Hexane:2-PrOH 90:10	UV 254 nm
481	Phenylcarbamate-2-butenol	C11 H13 N O2	9	Hexane:2-PrOH 98:2	UV 254 nm
482	Phenylcarbamate-2-isopentanol	C12 H17 N O2	9	Hexane:2-PrOH 98:2	UV 254 nm
483	Phenylcarbamate-2-isopentanol	C12 H17 N O2	2	Hexane:2-PrOH 90:10	UV 254 nm
484	Phenylcarbamate-2-octanol	C15 H23 N O2	9	Hexane:2-PrOH 98:2	UV 254 nm
485	Phenylcarbamate-2-octanol	C15 H23 N O2	2	Hexane:2-PrOH 90:10	UV 254 nm
486	Phenylcarbamate-2-pentanol	C12 H17 N O2	2	Hexane:2-PrOH 90:10	UV 254 nm
487	Phenylcarbamate-2-pentanol	C12 H17 N O2	9	Hexane:2-PrOH 98:2	UV 254 nm
488	Phenylcarbamate-3-octanol	C15 H23 N O2	2	Hexane:2-PrOH 90:10	UV 254 nm
489	Phenylcarbamate-3-octanol	C15 H23 N O2	9	Hexane:2-PrOH 98:2	UV 254 nm
490	Phenylethyl benzoate	C15 H14 O2	2	Hexane:2-PrOH 98:2	UV 254 nm
491	1-Phenylethyl-phenylcarbamate	C15 H15 N O2	9	Hexane:2-PrOH 90:10	UV 254 nm
492	1-Phenylethyl-phenylcarbamate	C15 H15 N O2	2	Hexane:2-PrOH 90:10	UV 254 nm
493	Pimobendan	C19 H18 N4 O2	2	Hexane:EtOH:DEA 75:25:0.1	UV 328 nm
494	Pimobendan	C19 H18 N4 O2	4	Hexane:2-PrOH 50:50	UV 328 nm
495	Pindolol	C14 H20 N2 O2	2	ACN:H2O(0.1M NaPF6) 40:60	UV 254 nm
496	Pindolol	C14 H20 N2 O2	9	Hexane:2-PrOH:DEA 80:20:0.1	UV 254 nm
497	Pindolol	C14 H20 N2 O2	2	Hexane:2-PrOH:DEA 70:30:0.05	UV 254 nm
498	Pindolol	C14 H20 N2 O2	2	Hexane:2-PrOH 70:30	UV 254 nm
499	Pindolol	C14 H20 N2 O2	2	Hexane:2-PrOH:DEA 80:20:0.1	UV 254 nm
500	Pindolol	C14 H20 N2 O2	2	ACN:H2O(1N NaClO4) 60:40	UV 254 nm
501	alpha-Pivaloylamino-etioporphyrin	C37 H47 N5 O	2	Hexane:EtOH:CHCl3 70:20:10	UV 410 nm

No.	COMPOUND	FORMULA	COLUMN	ELUENT	DETECTION
502	alpha-Pivaloylamino-etioporphyrin copper	C37 H45 Cu N5 O	2	Hexane:EtOH:CHCl3 70:20:10	UV 410 nm
503	alpha-Pivaloylamino-etioporphyrin zinc	C37 H45 N5 O Zn	2	Hexane:EtOH:CHCl3 70:20:10	UV 410 nm
504	Propafenone	C21 H27 N O3	1	Hexane:2-BuOH:DEA 93:7:0.2	UV 254 nm
505	Propafenone	C21 H27 N O3	1	Hexane:2-PrOH:DEA 75:25:0.2	UV 254 nm
506	Propafenone	C21 H27 N O3	2	Hexane:2-BuOH:DEA 93:7:0.2	UV 254 nm
507	Propane-1,2-diol-diphenylcarbamate	C17 H18 N2 O4	2	Hexane:2-PrOH 80:20	UV 254 nm
508	Propranolol	C16 H21 N O2	2	ACN:H2O(0.1M NaPF6) 40:60	UV 254 nm
509	Propranolol	C16 H21 N O2	2	Hexane:2-PrOH:DEA 90:10:0.1	UV 254 nm
510	Propranolol	C16 H21 N O2	2	Hexane:2-PrOH:DEA 80:20:0.1	UV 254 nm
511	Propranolol	C16 H21 N O2	2	ACN:H2O(0.5M NaClO4) 40:60	UV 254 nm
512	Propranolol	C16 H21 N O2	2	Hexane:2-PrOH:DEA 91:8:1	UV 254 nm
513	Propranolol	C16 H21 N O2	2	ACN:0.5 M NaClO4 (pH 2) 40:60	UV 254 nm
514	Propranolol	C16 H21 N O2	2	Hex.:2-PrOH:EtOH:DEA 80:5:15	UV 254 nm
515	Propranolol	C16 H21 N O2	2	Hex.:2-PrOH:NOctMe2 92:8:0.01	UV 254 nm
516	2-Propyl-3-(4-chlorophenyl)propanoic acid methyl ester	C13 H17 Cl O3	3	Hexane:2-PrOH 99:1	UV 220 nm
517	N-Propyl-2-amino-5-hydroxy-tetralin (salt)	C13 H19 N O	2	Hexane:EtOH 95:5	UV 225 nm
518	N-Propyl-2-amino-5-methoxy-tetralin (salt)	C14 H21 N O	2	Hexane:EtOH 90:10	UV 225 nm
519	N-Propyl-2-amino-5-methoxy-tetralin (salt)	C14 H21 N O	2	Hexane:EtOH 95:5	UV 225 nm
520	Pyridoglutethimide	C12 H14 N2 O2	3	Hexane:2-PrOH 50:50	UV 257 nm
521	Pyridoglutethimide	C12 H14 N2 O2	2	Hexane:2-PrOH 65:35	UV 257 nm
522	Pyrimidine deriv.	C12 H17 N5	3	Hexane:2-PrOH 90:10	UV 254 nm
523	Pyriproxyfen (Sumilarv)	C20 H19 N O3	3	Hexane:MeOH 95:5	UV 254 nm
524	Saterinone	C27 H30 N4 O4	2	MeOH	UV 254 nm
525	Scopolamine	C17 H21 N O4	2	Hexane:EtOH:DEA 80:20:0.1	UV 254 nm
526	Secobarbital	C12 H18 N2 O3	3	Hexane:2-PrOH:HAc 95:5:0.5	UV 220 nm
527	Shikalkin (Shikonin and alkannin)	C16 H16 O5	2	Hexane:2-PrOH 90:10	VIS 520 nm
528	Sotalol	C12 H20 N2 O3 S	1	Hexane:EtOH:DEA 85:15:2	UV 254 nm
529	Sotalol	C12 H20 N2 O3 S	1	Hexane:2-PrOH:DEA 80:20:0.1	UV 254 nm
530	Stylopine	C19 H17 N O4	9	EtOH	UV 254 nm
531	Sulconazole	C18 H15 Cl3 N2 S	3	Hexane:2-PrOH 90:10	UV 254 nm
532	Sulindac methyl ester	C21 H19 F O3 S	1	Hexane:2-PrOH 90:10	UV 254 nm
533	Sulpiride	C15 H23 N3 O4 S	3	Hexane:EtOH 95:5	UV 254 nm
534	Tertatolol-hydrochlorid	C16 H25 N O2 S	2	Hexane:2-PrOH:DEA 50:50:0.4	UV 254 nm
535	1,2,2,2-Tetra-phenyl-ethane-1-ol	C26 H22 O	2	Hexane:2-PrOH 90:10	UV 254 nm
536	Tetrahydrofurfuryl-alkohol-phenylcarbamate	C12 H15 N O3	2	Hexane:2-PrOH 80:20	UV 254 nm
537	Tetrahydrojatrorrhizine	C20 H23 N O4	9	EtOH	UV 254 nm
538	Tetrahydropalmatine	C21 H25 N O4	9	EtOH	UV 254 nm
539	Tetrahydropalmatine	C21 H25 N O4	2	Hexane:2-PrOH:DEA 80:20:0.1	UV 254 nm
540	2-Tetralol	C10 H12 O	2	Hexane:2-PrOH 98:2	UV 254 nm
541	1,2,2,2-Tetraphenyl-ethanol	C26 H22 O	1	Hexane:2-PrOH 90:10	UV 254 nm
542	1,2,2,2-Tetraphenyl-ethanol	C26 H22 O	3	(SFC) CO2:2-PrOH 96:4	UV 254 nm
543	1,2,2,2-Tetraphenyl-ethanol	C26 H22 O	9	(SFC) CO2:2-PrOH 96:4	UV 254 nm
544	Thalidomide	C13 H10 N2 O4	3	Hexane:EtOH 50:50	UV 254 nm
545	Tiaprofenic acid	C14 H12 O3 S	1	Hexane:2-PrOH:TFA 95:5:1	UV 254 nm
546	Timolol maleate	C13 H24 N4 O3 S	2	Hexane:2-PrOH:DEA 95:5:0.4	UV 224 nm
547	Timolol maleate	C13 H24 N4 O3 S	2	Hexane:2-PrOH:DEA 90:10:0.4	UV 224 nm
548	Timolol maleate	C13 H24 N4 O3 S	2	Hexane:2-PentOH:DEA 95:5:0.4	UV 224 nm
549	Timoprazole	C13 H11 N3 O S	1	Hexane:EtOH 80:20	UV 254 nm
550	Tolamolol	C19 H24 N2 O4	2	Hexane:EtOH:DEA 20:80:0.4	UV 254 nm
551	2-(m-Tolyl-oxy)-propanoic acid	C10 H12 O3	2	Hexane:2-PrOH:HCOOH 94.5:5:0.5	UV 260 nm
552	2-(m-Tolyl-oxy)-propanoic acid methyl ester	C11 H14 O3	2	Hexane:2-PrOH:HCOOH 94.5:5:0.5	UV 260 nm
553	2-(o-Tolyl-oxy)-propanoic acid	C10 H12 O3	2	Hexane:2-PrOH:HCOOH 94.5:5:0.5	UV 260 nm
554	o-Tolyl-oxy-propanoic acid ethyl ester (2-	C12 H16 O3	2	Hexane:2-PrOH 90:10	UV 260 nm
555	2-(o-Tolyl-oxy)-propanoic acid methyl ester	C11 H14 O3	2	Hexane:2-PrOH:HCOOH 94.5:5:0.5	UV 260 nm
556	Triadimefon	C14 H16 Cl N3 O2	3	Hexane:2-PrOH 98:2	UV 254 nm
557	Tricarbonylchromium deriv.	C9 H11 N O.Cr(CO)3	3	Hexane:2-PrOH 90:10	UV 254 nm
558	Tricarbonylchromium deriv.	C9 H12 O. Cr(CO)3	2	Hexane:EtOH 98.5:1.5	UV 254 nm
559	Tricarbonylchromium deriv.	C9 H12 O2. Cr(CO)3	2	Hexane:EtOH 96.5:3.5	UV 254 nm
560	Tricarbonylchromium deriv.	C9 H12 O. Cr(CO)3	2	Hexane:EtOH 98.5:1.5	UV 254 nm
561	Tricarbonylchromium deriv.	C9 H10 O2. Cr(CO)3	2	1.3 M 2-PrOH in Hexane	UV 220 nm
562	Tricarbonylchromium deriv.	C9 H10 O. Cr(CO)3	2	Hexane:EtOH 93.5:6.5	UV 254 nm
563	Tricarbonylchromium deriv.	C9 H10 O2. Cr(CO)3	2	Hexane:EtOH 95:5	UV 254 nm
564	Tricarbonylchromium deriv.	C15 H22 O2.Cr(CO)3	2	Hexane:EtOH 92:8	UV 254 nm

No.	COMPOUND	FORMULA	COLUMN	ELUENT	DETECTION
565	Tricarbonylchromium deriv.	C15 H22 O. Cr(CO)3	2	Hexane:EtOH 92:8	UV 254 nm
566	Tricarbonylchromium deriv.	C9 H12 O. Cr(CO)3	2	Hexane:EtOH 91.7:8.3	UV 254 nm
567	Tricarbonylchromium deriv.	C9 H12 O2. Cr(CO)3	2	Hexane:EtOH 91.5:8.5	UV 254 nm
568	Tricarbonylchromium deriv.	C10 H12 O2.Cr(CO)3	2	1.3 M 2-PrOH in Hexane	UV 220 nm
569	Tricarbonylchromium deriv.	C8 H10 O. Cr(CO)3	2	1.3 M 2-PrOH in Hexane	UV 220 nm
570	Tricarbonylchromium deriv.	C9 H12 O. Cr(CO)3	2	Hexane:EtOH 96.7:3.3	UV 254 nm
571	Tricarbonylchromium deriv.	C15 H24 O2.Cr(CO)3	2	Hexane:EtOH 97:3	UV 254 nm
572	Tricarbonylchromium deriv.	C8 H10 O. Cr(CO)3	2	1.3 M 2-PrOH in Hexane	UV 220 nm
573	Tricarbonylchromium deriv.	C9 H10 O2. Cr(CO)3	2	1.3 M 2-PrOH in Hexane	UV 220 nm
574	Tricarbonylchromium deriv.	C10 H12 O2.Cr(CO)3	2	1.3 M 2-PrOH in Hexane	UV 220 nm
575	Tricarbonylmanganese deriv.	C9 H10 O2. Mn(CO)3	2	1.3 M 2-PrOH in Hexane	UV 220 nm
576	Tricarbonylmanganese deriv.	C10 H12 O2.Mn(CO)3	2	1.3 M 2-PrOH in Hexane	UV 220 nm
577	Tricarbonylmanganese deriv.	C8 H10 O. Mn(CO)3	2	1.3 M 2-PrOH in Hexane	UV 220 nm
578	Tricarbonylmanganese deriv.	C9 H10 O2. Mn(CO)3	2	1.3 M 2-PrOH in Hexane	UV 220 nm
579	Trifluoroanthrylethanol	C16 H11 F3 O	2	Hexane:2-PrOH 90:10	UV 254 nm
580	Trifluoroanthrylethanol	C16 H11 F3 O	9	Hexane:2-PrOH 90:10	UV 254 nm
581	Trifluoroanthrylethanol	C16 H11 F3 O	4	Hexane:2-PrOH 90:10	UV 254 nm
582	Trifluoroanthrylethanol	C16 H11 F3 O	9	(SFC) CO2:2-PrOH 96:4	UV 254 nm
583	Trifluoroanthrylethanol	C16 H11 F3 O	3	(SFC) CO2:2-PrOH 96:4	UV 254 nm
584	Trifluoroanthrylethanol	C16 H11 F3 O	1	(SFC) CO2:2-PrOH 96:4	UV 254 nm
585	Trimebutine	C22 H29 N O5	3	Hexane:2-PrOH 90:10	UV 254 nm
586	Trisacetylacetonate Cobalt (III)	C15 H21 Co O6	9	Hexane:2-PrOH 90:10	
587	Tröger's base	C17 H18 N2	3	EtOH	UV 254 nm
588	Tröger's base	C17 H18 N2	3	Hexane:2-PrOH 90:10	UV 254 nm
589	Tröger's base	C17 H18 N2	2	Hexane:2-PrOH 90:10	UV 254 nm
590	Tröger's base	C17 H18 N2	1	Hexane:2-PrOH 90:10	UV 254 nm
591	Tröger's base	C17 H18 N2	9	Hexane:2-PrOH 90:10	UV 254 nm
592	Tröger's base	C17 H18 N2	4	Hexane:2-PrOH 90:10	UV 254 nm
593	Verapamil	C27 H38 N2 O4	1	Hexane:2-PrOH:EtOH 85:7.5:7.5	FI 272/317
594	Verapamil	C27 H38 N2 O4	1	Hexane:2-PrOH 90:10	UV 254 nm
595	Verapamil	C27 H38 N2 O4	2	ACN:H2O(0.1M NaPF6) 40:60	UV 254 nm
596	Verapamil	C27 H38 N2 O4	2	ACN:H2O(0.5M NaClO4) 40:60	UV 254 nm
597	Verapamil	C27 H38 N2 O4	2	ACN:H2O(0.05M NaClO4,pH3) 2:1	UV 254 nm
598	Vinyl-phenyl sulfoxide	C8 H8 O S	2	Hexane:2-PrOH 90:10	UV 254 nm
599	Warfarin	C19 H16 O4	2	Hexane:2-PrOH:HCOOH 80:20:1	UV 254 nm
600	4-(m-Xylyl)-3,4-dimethyl-cyclopentenone	C14 H16 O	3	Hexane:2-PrOH 90:10	UV 254 nm
601	4-(p-Xylyl)-3,4-dimethyl-cyclopentenone	C14 H16 O	3	Hexane:2-PrOH 90:10	UV 254 nm
602	N-Z-(4-chlorophenyl)alanine ethyl ester	C19 H20 Cl N O4	1	Hexane:2-PrOH 90:10	UV 254 nm
603	N-Z-2-amino-3-phenyl-butanoic acid benzyl ester	C25 H25 N O4	2	Hexane:2-PrOH 90:10	UV 254 nm
604	N-Z-2-amino-3-phenyl-butanoic acid ethyl ester	C20 H23 N O4	2	Hexane:2-PrOH 90:10	UV 254 nm
605	N-Z-2-amino-4-pentenoic acid benzyl ester	C20 H21 N O4	2	Hexane:2-PrOH 90:10	UV 254 nm
606	N-Z-2-amino-butanoic acid benzyl ester	C19 H21 N O4	2	Hexane:2-PrOH 90:10	UV 254 nm
607	N-Z-2-amino-butanoic acid ethyl ester	C14 H19 N O4	2	Hexane:2-PrOH 90:10	UV 254 nm
608	N-Z-2-aminobutyric acid benzyl ester	C19 H21 N O4	1	Hexane:2-PrOH 90:10	UV 254 nm
609	N-Z-3-amino-butanoic acid ethyl ester	C14 H19 N O4	2	Hexane:2-PrOH 90:10	UV 254 nm
610	N-Z-4-chlorophenylalanine ethyl ester	C19 H20 Cl N O4	2	Hexane:2-PrOH 90:10	UV 254 nm
611	N-Z-Ala-Ala benzyl ester (LD+DL)	C21 H24 N2 O5	2	Hexane:2-PrOH 83.3:16.7	UV 254 nm
612	N-Z-Ala-Ala benzyl ester (LL+DD)	C21 H24 N2 O5	2	Hexane:2-PrOH 83.3:16.7	UV 254 nm
613	N-Z-Ala-Phe benzyl ester (LD+DL)	C27 H28 N2 O5	2	Hexane:2-PrOH 83.3:16.7	UV 254 nm
614	N-Z-O-benzyl-tyrosine ethyl ester	C26 H27 N O5	2	Hexane:2-PrOH 90:10	UV 254 nm
615	N-Z-O-benzyl-tyrosine ethyl ester	C26 H27 N O5	1	Hexane:2-PrOH 90:10	UV 254 nm
616	N-Z-Phe-Ala benzyl ester (LD+DL)	C27 H28 N2 O5	2	Hexane:2-PrOH 83.3:16.7	UV 254 nm
617	N-Z-Phe-Ala benzyl ester (LL+DD)	C27 H28 N2 O5	2	Hexane:2-PrOH 83.3:16.7	UV 254 nm
618	N-Z-Phe-Phe benzyl ester (LD+DL)	C33 H32 N2 O5	2	Hexane:2-PrOH 83.3:16.7	UV 254 nm
619	N-Z-Phe-Phe benzyl ester (LL+DD)	C33 H32 N2 O5	2	Hexane:2-PrOH 83.3:16.7	UV 254 nm
620	N-Z-S-benzyl-cysteine benzyl ester	C25 H25 N O4 S	2	Hexane:2-PrOH 90:10	UV 254 nm
621	N-Z-S-benzyl-cysteine ethyl ester	C20 H23 N O4 S	2	Hexane:2-PrOH 90:10	UV 254 nm
622	N-Z-alanine	C11 H13 N O4	2	Hexane:2-PrOH:HCOOH 80:20:1	UV 254 nm
623	N-Z-alanine benzyl ester	C18 H19 N O4	9	Hexane:2-PrOH 80:20	UV 254 nm
624	N-Z-alanine benzyl ester	C18 H19 N O4	2	Hexane:2-PrOH 90:10	UV 254 nm
625	N-Z-alanine ethyl ester	C13 H17 N O4	9	Hexane:2-PrOH 80:20	UV 254 nm
626	N-Z-alanine ethyl ester	C13 H17 N O4	2	Hexane:2-PrOH 90:10	UV 254 nm
627	N-Z-alpha-amino-4-pentenoic acid benzyl ester	C20 H21 N O4	1	Hexane:2-PrOH 90:10	UV 254 nm

No.	COMPOUND	FORMULA	COLUMN	ELUENT	DETECTION
628	N-Z-asparagine	C12 H14 N2 O5	2	Hexane:2-PrOH:HCOOH 80:20:1	UV 254 nm
629	N-Z-asparagine benzyl ester	C19 H20 N2 O5	2	Hexane:2-PrOH:DEA 80:20:0.1	UV 254 nm
630	N-Z-asparagine ethyl ester	C14 H18 N2 O5	2	Hexane:2-PrOH:DEA 80:20:0.1	UV 254 nm
631	N-Z-aspartic acid	C12 H13 N O6	2	Hexane:2-PrOH:HCOOH 80:20:1	UV 254 nm
632	N-Z-aspartic acid diethyl ester	C16 H21 N O6	2	Hexane:2-PrOH 90:10	UV 254 nm
633	N-Z-glutamic acid dibenzyl ester	C27 H27 N O6	2	Hexane:2-PrOH:DEA 80:20:0.1	UV 254 nm
634	N-Z-glutamic acid diethyl ester	C17 H23 N O6	2	Hexane:2-PrOH:DEA 80:20:0.1	UV 254 nm
635	N-Z-glutamin benzyl ester	C20 H22 N2 O5	2	Hexane:2-PrOH:DEA 80:20:0.1	UV 254 nm
636	N-Z-glutamin ethyl ester	C15 H20 N2 O5	2	Hexane:2-PrOH:DEA 80:20:0.1	UV 254 nm
637	N-Z-histidine ethyl ester	C16 H19 N3 O4	2	Hexane:2-PrOH:DEA 80:20:0.1	UV 254 nm
638	N-Z-histidine ethyl ester	C16 H19 N3 O4	1	Hexane:2-PrOH:DEA 80:20:0.1	UV 254 nm
639	N-Z-isoleucine benzyl ester	C21 H25 N O4	2	Hexane:2-PrOH 90:10	UV 254 nm
640	N-Z-isoleucine ethyl ester	C16 H23 N O4	2	Hexane:2-PrOH 90:10	UV 254 nm
641	N-Z-leucine	C14 H19 N O4	2	Hexane:2-PrOH:HCOOH 80:20:1	UV 254 nm
642	N-Z-leucine	C14 H19 N O4	2	ACN:0.5 M NaClO4(pH2) 40:60	UV 254 nm
643	N-Z-leucine benzyl ester	C21 H25 N O4	2	Hexane:2-PrOH 90:10	UV 254 nm
644	N-Z-leucine ethyl ester	C16 H23 N O4	2	Hexane:2-PrOH 90:10	UV 254 nm
645	N-Z-leucine ethyl ester	C16 H23 N O4	1	Hexane:2-PrOH 90:10	UV 254 nm
646	N-Z-methionine	C13 H17 N O4 S	2	Hexane:2-PrOH:HCOOH 80:20:1	UV 254 nm
647	N-Z-methionine benzyl ester	C20 H23 N O4 S	2	Hexane:2-PrOH 90:10	UV 254 nm
648	N-Z-methionine benzyl ester	C20 H23 N O4 S	1	Hexane:2-PrOH 90:10	UV 254 nm
649	N-Z-methionine ethyl ester	C15 H21 N O4 S	2	Hexane:2-PrOH 90:10	UV 254 nm
650	N-Z-morleucine ethyl ester	C16 H23 N O4	2	Hexane:2-PrOH 90:10	UV 254 nm
651	N-Z-norleucine	C14 H19 N O4	2	Hexane:2-PrOH:HCOOH 80:20:1	UV 254 nm
652	N-Z-norleucine benzyl ester	C21 H25 N O4	2	Hexane:2-PrOH 90:10	UV 254 nm
653	N-Z-norvaline	C13 H17 N O4	2	Hexane:2-PrOH:HCOOH 80:20:1	UV 254 nm
654	N-Z-norvaline benzyl ester	C20 H23 N O4	2	Hexane:2-PrOH 90:10	UV 254 nm
655	N-Z-norvaline ethyl ester	C15 H21 N O4	2	Hexane:2-PrOH 90:10	UV 254 nm
656	N-Z-phenylalanine benzyl ester	C24 H23 N O4	2	Hexane:2-PrOH 90:10	UV 254 nm
657	N-Z-phenylalanine ethyl ester	C19 H21 N O4	2	Hexane:2-PrOH 90:10	UV 254 nm
658	N-Z-phenylglycine	C16 H15 N O4	2	Hexane:2-PrOH:HCOOH 80:20:1	UV 254 nm
659	N-Z-phenylglycine benzyl ester	C23 H21 N O4	1	Hexane:2-PrOH 90:10	UV 254 nm
660	N-Z-pipecolinic acid benzyl ester	C21 H23 N O4	2	Hexane:2-PrOH 90:10	UV 254 nm
661	N-Z-pipecolinic acid ethyl ester	C16 H21 N O4	2	Hexane:2-PrOH 90:10	UV 254 nm
662	N-Z-proline benzyl ester	C20 H21 N O4	2	Hexane:2-PrOH 90:10	UV 254 nm
663	N-Z-proline ethyl ester	C15 H19 N O4	2	Hexane:2-PrOH 90:10	UV 254 nm
664	N-Z-proline ethyl ester	C15 H19 N O4	1	Hexane:2-PrOH 90:10	UV 254 nm
665	N-Z-serine	C11 H13 N O5	2	Hexane:2-PrOH:HCOOH 80:20:1	UV 254 nm
666	Zileuton	C11 H12 N2 O2 S	1	Hexane:EtOH 90:10	UV 235 nm
667	N-Z-valine	C13 H17 N O4	2	Hexane:2-PrOH:HCOOH 80:20:1	UV 254 nm
668	N-Z-valine	C13 H17 N O4	2	ACN:0.05 N NaClO4 (pH 2) 60:40	UV 254 nm
669	N-Z-valine	C13 H17 N O4	2	ACN:0.1M phosphate(pH2.5)40:60	UV 254 nm
670	N-Z-valine	C13 H17 N O4	2	ACN:0.5M NaClO4(pH 4) 40:60	UV 254 nm
671	N-Z-serine ethyl ester	C13 H17 N O5	2	Hexane:2-PrOH 90:10	UV 254 nm
672	N-Z-serine ethyl ester	C13 H17 N O5	1	Hexane:2-PrOH 90:10	UV 254 nm
673	N-Z-valine ethyl ester	C15 H21 N O4	2	Hexane:2-PrOH 90:10	UV 254 nm
674	Zopiclone	C17 H17 Cl N6 O3	2	Hexane:EtOH 40:60	Fl 300/470
675	Zopiclone-N-oxide	C17 H17 Cl N6 O4	2	Hex:EtOH:MeOH55:15:30(1%DEA)	Fl 305/470
676	N-Z-serine benzyl ester	C18 H19 N O5	1	Hexane:2-PrOH 90:10	UV 254 nm
677	N-Z-tryptophane	C19 H18 N2 O4	2	Hexane:2-PrOH:HCOOH 80:20:1	UV 254 nm
678	N-Z-valine benzyl ester	C20 H23 N O4	2	Hexane:2-PrOH 90:10	UV 254 nm
679	N-Z-valine benzyl ester	C20 H23 N O4	1	Hexane:2-PrOH 90:10	UV 254 nm
680	N-Z-tryptophane ethyl ester	C21 H22 N2 O4	2	Hexane:2-PrOH:DEA 80:20:0.1	UV 254 nm
681	N-Z-tryptophane ethyl ester	C21 H22 N2 O4	1	Hexane:2-PrOH:DEA 80:20:0.1	UV 254 nm
682	N-Z-tryptophane benzyl ester	C26 H24 N2 O4	2	Hexane:2-PrOH:DEA 80:20:0.1	UV 254 nm
683	N-Z-tryptophane benzyl ester	C26 H24 N2 O4	1	Hexane:2-PrOH:DEA 80:20:0.1	UV 254 nm

Stationary Phase	Phase description	Order Nr.	Particle Size	Pore Diameter	Field of Applications
CHIRA-GROM-1	Chiral polymer layer bound to silica	GSCH10891...	8 µm	1000 Å	Polar and unpolar phases for reversed- and normal-phase mode Taylor–made to the separation of enantiomeric pharmaceuticals, agrochemicals, flavorings, chiral drug monitoring, etc.
CHIRA-GROM-2	Chiral polymer layer bound to silica	GSCH20891...	4-, 8 µm	1000 Å	
CHIRA-GROM-3	Chiral polymer layer bound to silica	GSCH30891...	8 µm	1000 Å	
CHIRA-GROM-4	Chiral polymer layer bound to silica	GSCH40891...	8 µm	1000 Å	
CHIRA-GROM-9	Chiral polymer layer bound to silica	GSCH90891...	8 µm	1000 Å	