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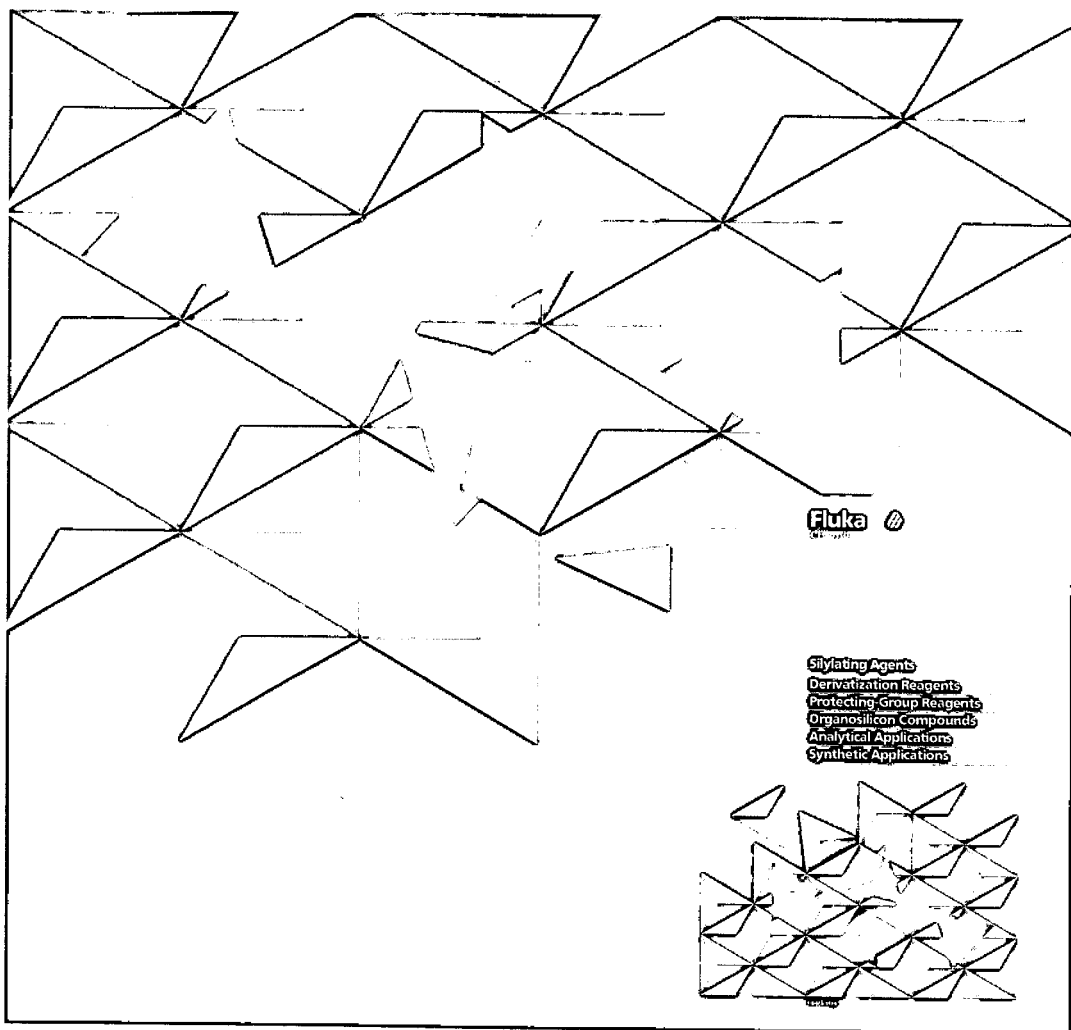
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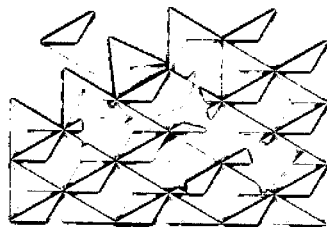
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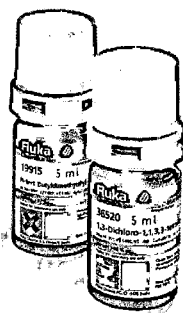
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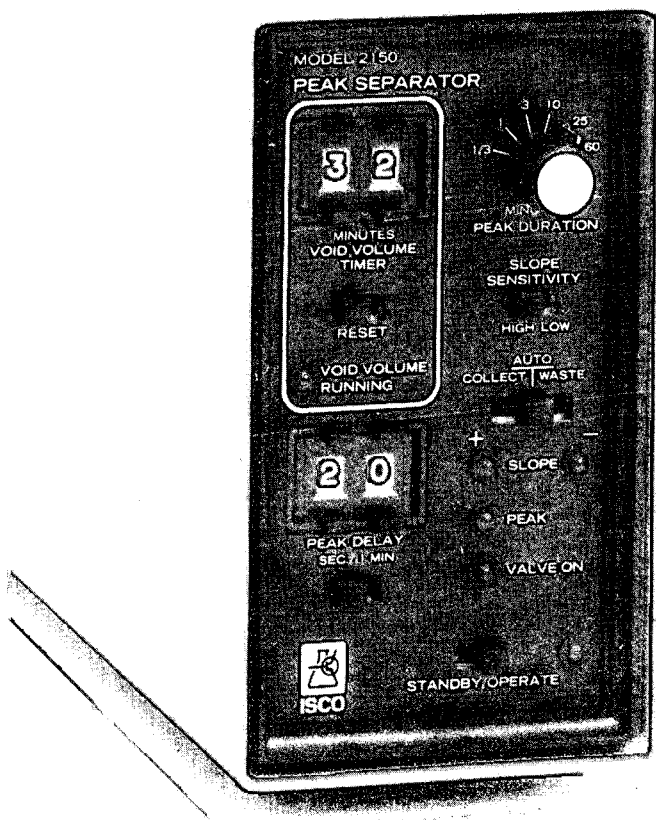
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S

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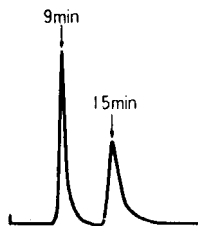
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Chiral HPLC columns for optical resolution

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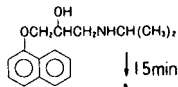
● Examples of New chiral HPLC columns ●

CHIRALCEL CA-1



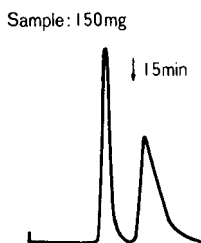
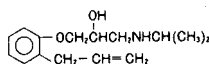
Column: 4.6mm ID × 250mm
Eluent: ethanol-H₂O (95:5)
Flow rate: 0.5ml/min
Detection: UV254nm

CHIRALCEL OD



Column: 4.6mm ID × 250mm
Eluent: hexane-2-propanol-
diethylamine (80:20:0.1)
Flow rate: 0.5ml/min
Detection: UV254nm

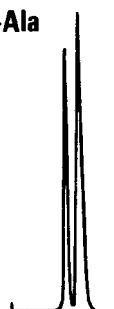
CHIRALCEL OD



Sample: 150mg
Column: 20mm ID × 500mm
Eluent: hexane-2-propanol-
diethylamine (80:20:0.1)
Flow rate: 12ml/min
Detection: UV254nm

CHIRALPAK WE

DL-Ala



Column: 4.6mm ID × 250mm
Eluent: aq. 0.25M CuSO₄
Flow rate: 1.0ml/min
Detection: UV230nm Temp. 35°C

Name	Separation
CHIRALPAK OT(+) CHIRALPAK OP(+)	Compounds possessing aromatic group (see: Technical Brochure No. 1)
CHIRALCEL OA CHIRALCEL OB CHIRALCEL OC CHIRALCEL OD CHIRALCEL OK CHIRALCEL CA-1	(see: Technical Brochure No. 1, No. 3)
CHIRALPAK WH CHIRALPAK WM CHIRALPAK WE	DL-Amino acid or its derivative (see: Technical Brochure No. 2, No. 4)

■ Size of column

Analytical Column	4.6mm (I.D.) × 250mm (L)
Precolumn	4.6mm (I.D.) × 50mm (L)
Semipreparative column	10mm (I.D.) × 250mm or (500mm)
	20mm (I.D.) × 250mm or (500mm)

■ Preparation of pure enantiomer (~kg) with Chiral column are acceptable.

Please contact!



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MONTH	J	F	M	A	M	J	J	A	S	O	N	D
Journal of Chromatography	435/1 435/2 435/3 436/1	436/2 436/3	437/1 437/2	438/1 438/2	439/1 439/2 440 441/1	441/2 442 443	444 445/1 445/2 446	447/1 447/2 448/1	448/2 448/3 449/1	449/2 450/1 450/2 450/3 452	453 454 455	456/1 456/2 457 458 459
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INFORMATION FOR AUTHORS

(Detailed *Instructions to Authors* were published in Vol. 445, pp. 453-456. A free reprint can be obtained by application to the publisher, Elsevier Science Publishers B.V., P.O. Box 330, 1000 AH Amsterdam, The Netherlands.)

Types of Contributions. The following types of papers are published in the *Journal of Chromatography* and the section on *Biomedical Applications*: Regular research papers (Full-length papers), Notes, Review articles and Letters to the Editor. Notes are usually descriptions of short investigations and reflect the same quality of research as Full-length papers, but should preferably not exceed six printed pages. Letters to the Editor can comment on (parts of) previously published articles, or they can report minor technical improvements of previously published procedures; they should preferably not exceed two printed pages. For review articles, see inside front cover under Submission of Papers.

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Written for everyone who uses chromatography as an analytical tool, this book covers all areas of gas, liquid, and thin-layer chromatography; **no other book offers the same scope.** The authors have had considerable experience in teaching graduate-level courses and the material presented here has been tried and tested, having formed the basis for short courses taught to groups of industrial chemists. Emphasis is on the practice of chromatographic methods, including "how to" sections and numer-

ous examples of calculation methods. Extensively illustrated, the book contains numerous tables of all useful constants, materials and formulas frequently used by chromatographers. Valuable features are the chapters on sample preparation for chromatographic analysis, on instrumental methods of sample identification, and the comprehensive literature review.

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