

NEW
from
CHIRAL TECHNOLOGIES, INC.

CHIRALPAK® IA

***The first in a series of
Immobilized Polysaccharide
chiral chromatography
columns***

- *Solvent flexibility for the resolution of compounds with limited solubility*
- *Outstanding solvent tolerance*
- *Excellent separation of enantiomers*
- *A new tool for chiral research*
- *Extended durability*

**The Specialist you rely on for
chiral columns and services.**

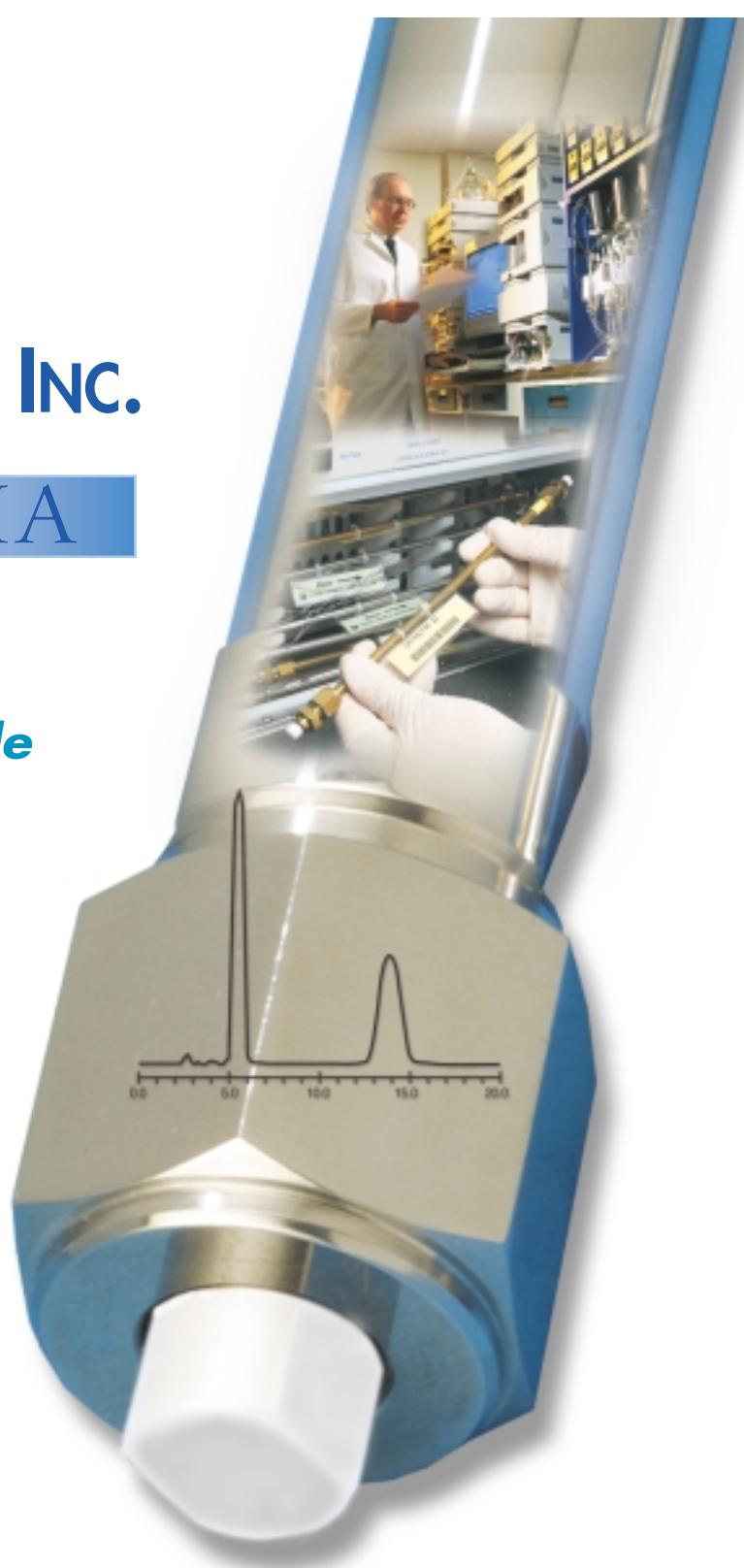
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E-MAIL: chiral@chiraltech.com

www.chiraltech.com



CHIRAL
TECHNOLOGIES INC

CHIRALPAK® IA

Analytical HPLC Applications:

Bupivacaine

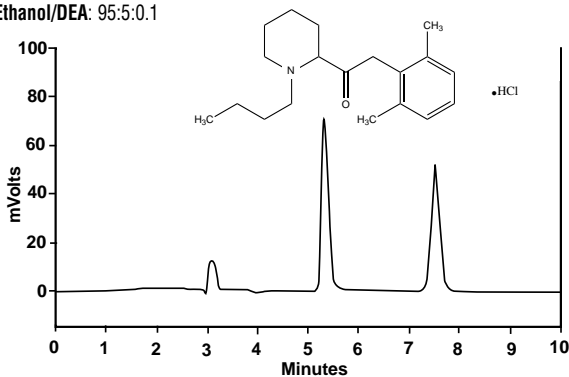
Methyl-t-butyl ether/Ethanol/DEA: 95:5:0.1

1ml/min 25°C

$k_1' = 0.73$

$k_2' = 1.42$

$\alpha = 1.96$



Methyl-p-tolyl sulfoxide

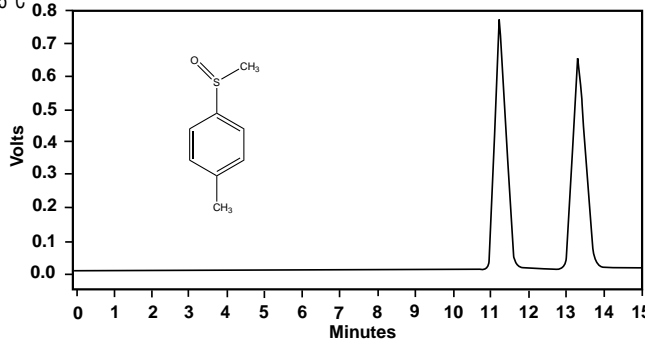
Dichloromethane

1ml/min 25°C

$k_1' = 2.55$

$k_2' = 3.22$

$\alpha = 1.26$



Suprofen

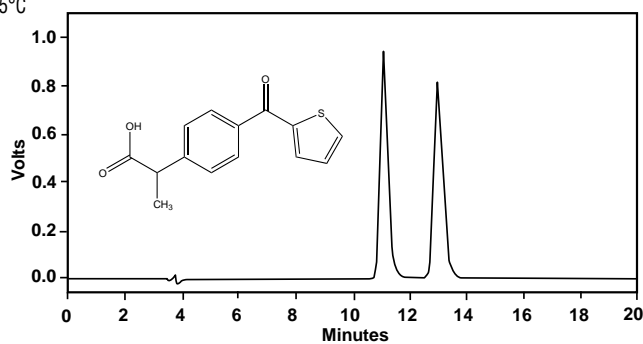
Hexane/Ethyl Acetate/TFA: 70:30:0.1

1ml/min 25°C

$k_1' = 2.83$

$k_2' = 3.35$

$\alpha = 1.18$



Naproxen

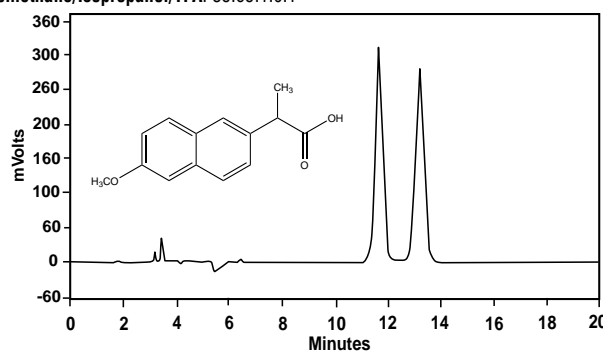
Hexane/Dichloromethane/Isopropanol/TFA: 35:65:1:0.1

1ml/min 25°C

$k_1' = 2.89$

$k_2' = 3.41$

$\alpha = 1.18$



Devrinol

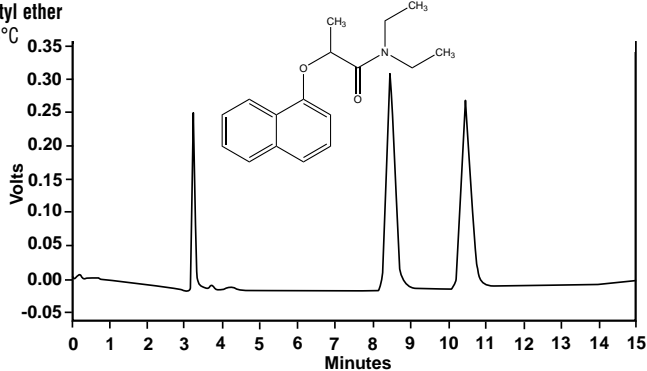
Methyl-t-butyl ether

1ml/min 25°C

$k_1' = 1.63$

$k_2' = 2.25$

$\alpha = 1.39$



Carprofen

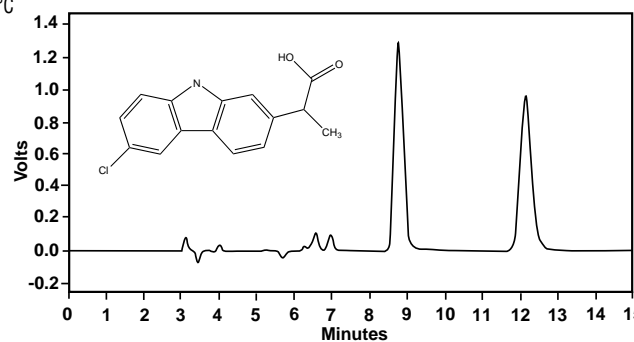
Hexane/Isopropanol/TFA: 80:20:0.1

1ml/min 25°C

$k_1' = 1.92$

$k_2' = 3.05$

$\alpha = 1.59$



All UV at 254 nm

Part Number	Name	Internal Diameter (mm)	Column Length (mm)	Particle Size (μ)	Product Type
80325	CHIRALPAK® IA	4.6	250	5	Analytical
80321	CHIRALPAK IA	4.0	10	5	Guard Cartridge