

CHIRAL TECHNOLOGIES

New!

CHIRALPAK® QD-AX
CHIRALPAK® QN-AX

Laboratory Products

*We proudly introduce
two new chiral columns to our
expanding line of unique chiral
chromatography products.*

*The CHIRALPAK QD-AX and
CHIRALPAK QN-AX are designed
specifically for the enantioselective
resolution of chiral acids by
HPLC and SFC.*

Invented and developed by Professor Wolfgang Lindner of the
University of Vienna

Chiral selectors are based on complementary quinine (QN) and
quinidine (QD) derivatives

Exhibits excellent separation capabilities for chiral acids in
reversed-phase and with polar organic solvents

Offers complementary performance to our well established
CHIRALPAK® and CHIRALCEL® polysaccharide columns



CHIRAL
TECHNOLOGIES INC

CHIRAL TECHNOLOGIES INC., West Chester, PA USA

1-800-6CHIRAL TEL 610-594-2325 FAX

www.chiraltech.com

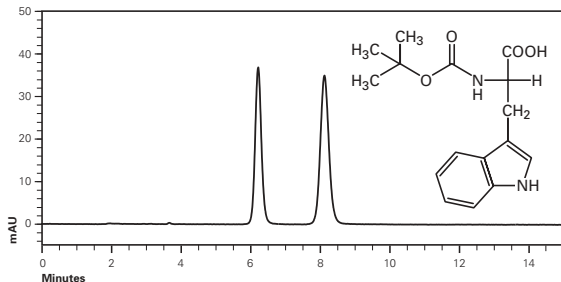
THE SPECIALIST YOU RELY ON FOR CHIRAL COLUMNS AND SERVICES

Boc-Tryptophan

CHIRALPAK® QN-AX 4.6 x 150 mm
98:2:0.5 MeOH/HOAc/NH₄OAc

1 ml/min
25°C

$k'_1 = 2.22$
 $k'_2 = 3.23$
 $\alpha = 1.45$

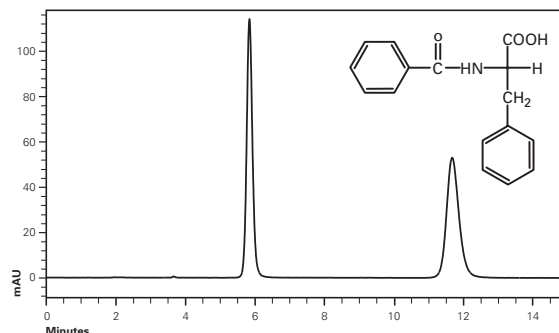


N-Benzoyl-Phenylalanine

CHIRALPAK® QD-AX 4.6 x 150 mm
98:2:0.5 MeOH/HOAc/NH₄OAc

1 ml/min
25°C

$k'_1 = 2.25$
 $k'_2 = 5.49$
 $\alpha = 2.454$

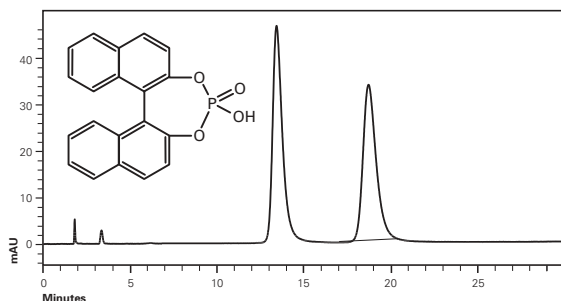


1,1'-Binaphthyl-2,2'-diyl hydrogenphosphate

CHIRALPAK® QN-AX 4.6 x 150 mm
98:2:0.5 MeOH/HOAc/NH₄OAc

1 ml/min
25°C

$k'_1 = 6.46$
 $k'_2 = 9.41$
 $\alpha = 1.46$

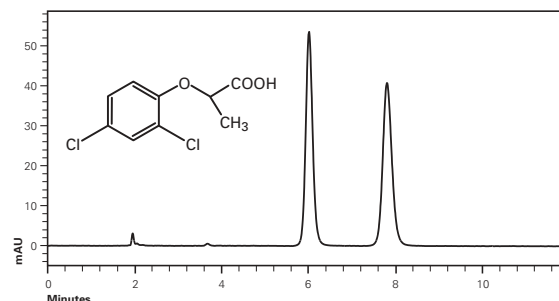


Dichlorprop

CHIRALPAK® QD-AX 4.6 x 150 mm
98:2:0.5 MeOH/HOAc/NH₄OAc

1 ml/min
25°C

$k'_1 = 2.33$
 $k'_2 = 3.33$
 $\alpha = 1.43$

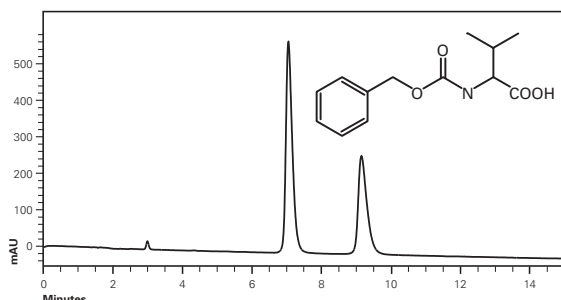


N-CBZ-Valine

CHIRALPAK® QD-AX 4.6 x 150 mm
60:40 Acetonitrile/pH=6 Aq Phosphate 20 mM

1 ml/min
25°C

$k'_1 = 2.92$
 $k'_2 = 4.09$
 $\alpha = 1.40$

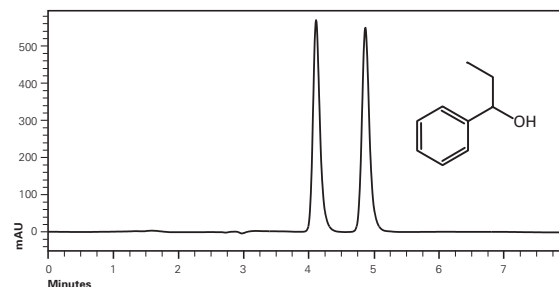


1-Phenyl-1-propanol

CHIRALPAK® QN-AX 4.6 x 150 mm
60:40 Methanol/pH=5.2 Aq Acetate 50 mM

1 ml/min
25°C

$k'_1 = 1.29$
 $k'_2 = 1.71$
 $\alpha = 1.33$



PART NUMBER	PRODUCT NAME	INTERNAL DIAMETER (mm)	COLUMN LENGTH (mm)	PARTICLE SIZE (μ)	PRODUCT TYPE
31311	CHIRALPAK QD-AX	4.0	10	5	Guard Cartridges
31394	CHIRALPAK QD-AX	2.1	150	5	Analytical
31324	CHIRALPAK QD-AX	4.6	150	5	Analytical
31344	CHIRALPAK QD-AX	20	150	5	Semi-Prep
32311	CHIRALPAK QN-AX	4.0	10	5	Guard Cartridges
32394	CHIRALPAK QN-AX	2.1	150	5	Analytical
32324	CHIRALPAK QN-AX	4.6	150	5	Analytical
32344	CHIRALPAK QN-AX	20	150	5	Semi-Prep



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