

Chiral separation of Carbinoxamine (2-[(4-Chlorophenyl)-Pyridin-2-yl-Methoxy]-*N,N*-Dimethyl-Ethanamine)

Method
HPLC

VCR0019J
Chiral HPLC

Column: Eurocel 01 5 μm , 250 x 4.6 mm ID

Order No. 25EM370ECJ

Phase: Eurocel 01, 5 μm

Conditions:

Eluent:	n-Heptane / 2-Propanol (90:10) + 0.1% DEA
Gradient:	isocratic
Flow rate:	1.0 ml/min
Temperature:	25 °C
Volume:	10 μl

Detection: UV at 230 nm

Substances: Carbinoxamine (2-[(4-Chlorophenyl)-Pyridin-2-yl-Methoxy]-*N,N*-Dimethyl-Ethanamine)

Keywords: antihistamine, chiral separation, Eurocel 01, cellulose based chiral selector

Chromatogram:

$k'1 = 1.69$

$k'2 = 1.94$

$\alpha = 1.14$

