

Chiral separation of Atenolol (2-[4-[2-Hydroxy-3-(1-Methylethylamino)Propoxy]Phenyl]Ethanamid)

Method
HPLC

VCR0008J
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 (80:20) + 0.1% EtOA
Gradient:	isocratic
Flow rate:	1.0 ml/min
Temperature:	25 °C
Volume:	10 μl

Detection: UV at 230 nm

Substances: Atenolol (2-[4-[2-Hydroxy-3-(1-Methylethylamino)Propoxy]Phenyl]Ethanamid)

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

Chromatogram:

$k'1 = 6.53$

$k'2 = 8.17$

$\alpha = 1.25$

