

Chiral separation of Metoprolol (1-(Isopropylamino)-3-[4-(2-Methoxyethyl)Phenoxy]Propan-2-ol)

Method
HPLC

VCR0036J
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 / Ethanol (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: Metoprolol (1-(Isopropylamino)-3-[4-(2-Methoxyethyl)Phenoxy]Propan-2-ol)

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

Chromatogram:

$k'1 = 1.34$

$k'2 = 1.96$

$\alpha = 1.46$

