

Chiral separation of Propranolol (1-Isopropylamino-3-(1-Naphthyloxy)-2-Propanol)

Method
HPLC

VCR0044J
Chiral HPLC

Column: Eurocel 01 5 μ m, 125 x 4.0 mm ID

Order No. 12DM370ECJ

Phase: Eurocel 01, 5 μ m

Conditions: Eluent: Acetonitrile / Water (32:68) + 0.1% DEA
Gradient: isocratic
Flow rate: 1.0 ml/min
Temperature: 25 °C
Volume: 10 μ l

Detection: UV at 230 nm

Substances: Propranolol (1-Isopropylamino-3-(1-Naphthyloxy)-2-Propanol)

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

Chromatogram:

$k'1 = 12.8$

$k'2 = 14.32$

$\alpha = 1.12$

