

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

Method
HPLC

VCR0045J
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-Propanole (80:20) + 0.1% Ethanolamine
Gradient: isocratic
Flow rate: 1.0 ml/min
Temperature: 25 °C
Volume: 10 μl

Detection: UV at 230 nm

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

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

Chromatogram:

$k'_1 = 1.75$

$k'_2 = 2.49$

$\alpha = 1.42$

