

Chiral separation of Atropine (rac-Hyoscyamin)

Method
HPLC

VCR0009J
Chiral HPLC

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

Order No. 25EM370ECJ

Phase: Eurocel 01, 5 μm

Conditions:
Eluent: n-Hexane / 2-Propanol (80:20)
Gradient: isocratic
Flow rate: 1.0 ml/min
Temperature: 25 °C
Volume: 10 μl

Detection: UV at 218 nm

Substances: Atropine

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

Chromatogram:

$k'_1 = 0.54$

$k'_2 = 0.89$

$\alpha = 1.65$

