

Chiral separation of Benzyl-Mandelate (Benzyl-2-Hydroxy-3-Phenylpropionate)

Method VCR0015J
HPLC Chiral HPLC

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

Order No. 25EM370ECJ

Phase: Eurocel 01, 5 μm

Conditions: Eluent: Hexane / 2-Propanol (70:30)
Gradient: isocratic
Flow rate: 1.0 ml/min
Temperature: 25 °C
Volume: 10 μl

Detection: UV at 210 nm

Substances: Benzyl-Mandelate (Benzyl-2-Hydroxy-3-Phenylpropionate)

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

Chromatogram:

$k'1 = 0.75$

$k'2 = 1.62$

$\alpha = 2.16$

