

Chiral separation of 2,2'-Bis(Diphenylphosphinoxid)3,3'-Bibenzo[b]Thiophene

Method VCR0016J
HPLC Chiral HPLC

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

Order No. 25EM370ECJ

Phase: Eurocel 01, 5 μm

Conditions: Eluent: Hexan / 2-Propanol (85:15)
Gradient: isocratic
Flow rate: 1.0 ml/min
Temperature: 25 $^{\circ}\text{C}$
Volume: 10 μl

Detection: UV at 240 nm

Substances: 2,2'-Bis(Diphenylphosphinoxid)3,3'-Bibenzo[b]Thiophene

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

Chromatogram:

$k'1 = 2.45$

$k'2 = 2.99$

$\alpha = 1.22$

