

Chiral separation of Praziquantel

Method VCR0043J
HPLC Chiral HPLC

Column: Eurocel 03, 250 x 4.6 mm ID
with precolumn

Order No. 25VM400ECJ

Phase: Eurocel 03

Conditions: Eluent: Methanol
Gradient: isocratic
Flow rate: 1.0 ml/min
Temperature: 25 °C
Volume: 10 µl

Detection: UV at 210 nm

Substances: Praziquantel: (2S)-2-(cyclohexylcarbonyl)-2,3,4,6,7,11b-hexahydro-1H-pyrazino
[2,1a]isochinolin-4-on

Keywords: chiral separation, Eurocel 03, cellulose based chiral selector, anthelmintic

Chromatogram:

$k'1 = 0.44$

$k'2 = 0.54$

$\alpha = 1.23$

