

Chiral separation of Diclofop – methyl

Method
HPLC

VCR0023J
Chiral HPLC

Column: Eurocel 01, 250 x 4.6 mm ID
with precolumn

Order No. 25VM370ECJ

Phase: Eurocel 01, 5 µm

Conditions: Eluent: Hexane / 2-Propanole 80:20 (v / v) + 0.1% TFA
Gradient: isocratic
Flow rate: 1.0 ml/min
Temperature: 20 °C
Volume: 10 µl

Detection: UV at 210 nm

Substances: Diclofop – methyl, methyl 2-[4-(2,4-dichlorophenoxy)phenoxy]propanoate

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

Chromatogram:

$k'1 = 1.21$

$k'2 = 3.23$

$\alpha = 2.67$

