

Chiral separation of Abscisic Acid (4-Oxo-2-Cyclohexen-1-yl)-3-Methyl-2,4-Pentadienoic Acid)

Method
HPLC

VCR0005J
Chiral HPLC

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

Order No. 25EM370ECJ

Phase: Eurocel 01, 5 µm

Conditions:
Eluent: Methanol / Water (50:50) + 0.1% TFA
Gradient: isocratic
Flow rate: 1.0 ml/min
Temperature: 25 °C
Volume: 5 µl

Detection: UV at 230 nm

Substances: Abscisic acid (4-Oxo-2-Cyclohexen-1-yl)-3-Methyl-2,4-Pentadienoic acid)

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

Chromatogram:

$k'1 = 2.67$

$k'2 = 3.19$

$\alpha = 1.19$

