

Separation of Tricyclic Antidepressant drugs

Method
HPLC

VPH0034J
RP Mode

Column: ProntoSIL 120-3 C18 AQ, 50 x 4.0 mm ID

Order No. 05DF184PSG

Phase: ProntoSIL 120-3 C18 AQ

Conditions: Eluent: Acetonitrile / MeOH / 10 mM Phosphate buffer (62:13:25)
Gradient: isocratic
Flow rate: 0.7 ml/min
Temperature: 20 °C
Volume: 5 µl

Detection: UV at 254 nm

Substances: Amitriptyline, Doxepin, Imipramine, Nortriptyline, Trimipramine

Keywords: Antidepressant, Drugs

Chromatogram:

1. Doxepin
2. Imipramin
3. Nortriptyline
4. Amitriptyline
5. Trimipramine

