

DAICEL CHIRAL TECHNOLOGIES GLOBAL APPLICATION CENTRE

Sertraline

CHROMATOGRAPHIC CONDITIONS

Column: CHIRALPAK® IG [4.6 x 150 mm, 5 µm]

Part No: 87324

Mobile phase: M.P A: aq.10 mM ammonium bicarbonate

M.P B: ACN

T/%B : 0/50, 10/80, 15/80, 15.1/50, 20/50

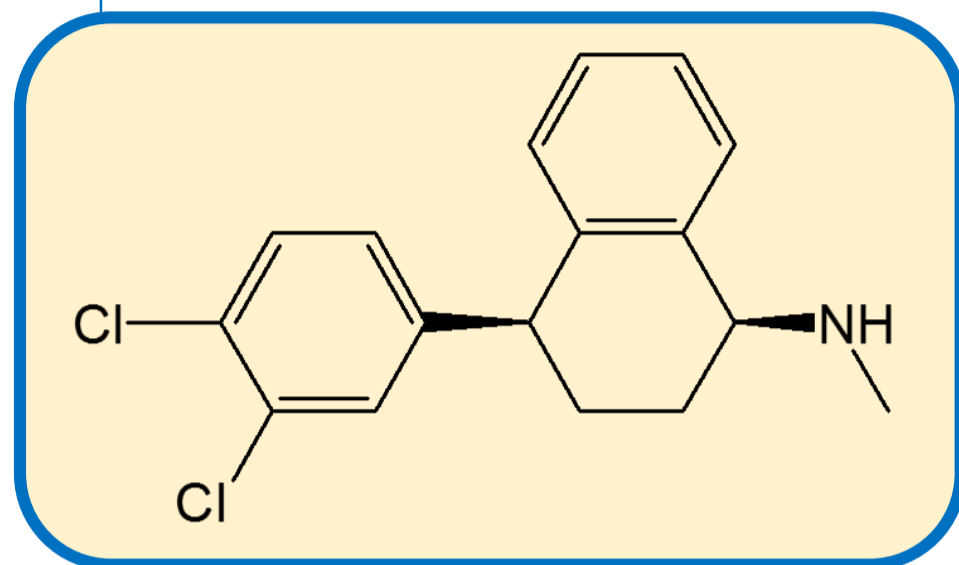
Flowrate: 1.0 mL/min

Column Oven Temperature: 40 °C

UV Detection: 220 nm

Diluent: H₂O : Methanol (1 : 1)

Sample Concentration: 1.0 mg/mL



SEPARATION PERFORMANCE

tR ₁ : 8.9	N ₁ :15152	T ₁ : 1.0	
tR ₂ : 9.9	N ₂ : 14585	T ₂ : 0.8	Rs: 3.3
tR ₃ : 11.7	N ₃ : 18061	T ₃ : 0.8	Rs: 5.2
tR ₄ : 12.8	N ₄ : 16171	T ₄ : 0.7	Rs: 3.0

