

DAICEL CHIRAL TECHNOLOGIES GLOBAL APPLICATION CENTRE

Lurasidone

CHROMATOGRAPHIC CONDITIONS

Column: CHIRALPAK® IE-3 [4.6 x 250 mm, 3 µm]

Part No: 85525

Mobile phase: n-Hexane : Ethanol : THF : DEA
(80/10/10/0.1, v/v/v/v)

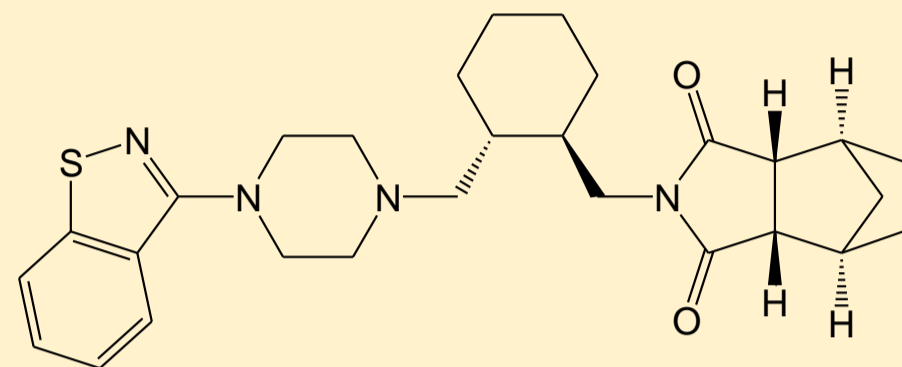
Flowrate: 1.0 mL/min

Column Oven Temperature: 25 °C

UV Detection: 320 nm

Diluent: Mobile phase

Sample Concentration: 1.5 mg/mL



SEPARATION PERFORMANCE

tR ₁ : 10.5	N ₁ : 18150	T ₁ : 0.9	
tR ₂ : 11.0	N ₂ : 14140	T ₂ : 0.5	Rs: 1.5
tR ₃ : 15.4	N ₃ : 12352	T ₃ : 1.0	Rs: 9.5
tR ₄ : 16.1	N ₄ : 11927	T ₄ : 1.4	Rs: 1.1
tR ₅ : 18.7	N ₅ : 13238	T ₅ : 1.3	Rs: 4.3
tR ₆ : 20.3	N ₆ : 11164	T ₆ : 1.3	Rs: 2.2
tR ₇ : 25.3	N ₇ : 10182	T ₇ : 1.4	Rs: 5.6
tR ₈ : 34.4	N ₈ : 8236	T ₈ : 1.2	Rs: 7.2

