

DAICEL CHIRAL TECHNOLOGIES GLOBAL APPLICATION CENTRE

Saxagliptin

CHROMATOGRAPHIC CONDITIONS

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

Part No: 87525

Mobile phase: Ethanol : ACN : isopropyl amine (20/80/0.1, v/v/v)

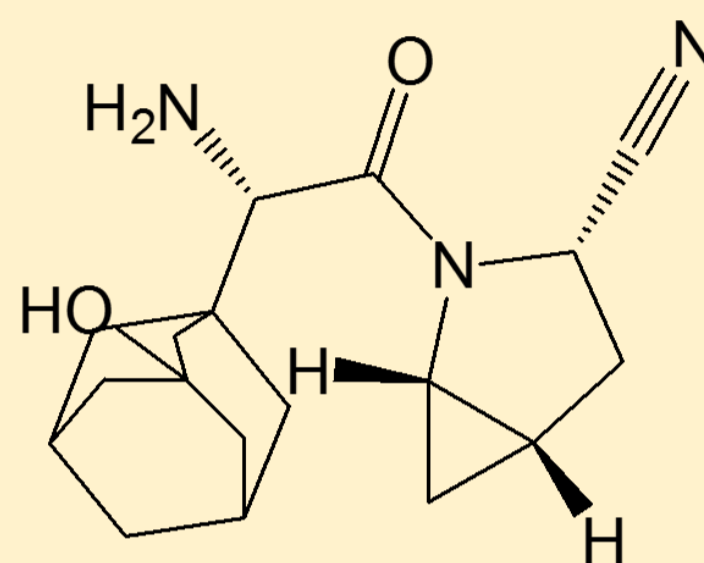
Flowrate: 1.0 mL/min

Column Oven Temperature: 25 °C

UV Detection: 220 nm

Diluent: Mobile phase

Sample Concentration: 2.0 mg/mL



SEPARATION PERFORMANCE

tR ₁ : 6.2	N ₁ : 9803	T ₁ : 1.0	
tR ₂ : 11.8	N ₂ : 7555	T ₂ : 1.1	Rs: 14.1
tR ₃ : 13.1	N ₃ : 8177	T ₃ : 1.0	Rs: 2.3
tR ₄ : 15.1	N ₄ : 3646	T ₄ : 1.5	Rs: 2.5

