

# DAICEL CHIRAL TECHNOLOGIES GLOBAL APPLICATION CENTRE

## Darunavir

### CHROMATOGRAPHIC CONDITIONS

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

Part No: 85525

Mobile phase: n-Hexane : Ethanol : DEA (70/30/0.1, v/v/v)

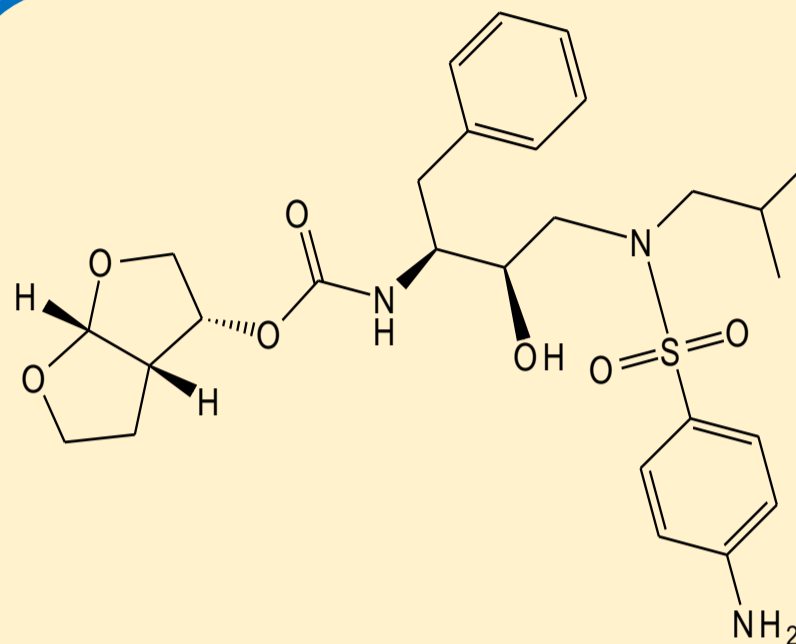
Flowrate: 1.0 mL/min

Column Oven Temperature: 25 °C

UV Detection: 265 nm

Diluent: Methanol : Mobile phase (1 : 9)

Sample Concentration: 1.5 mg/mL



### SEPARATION PERFORMANCE

$t_{R1}$ : 14.9	$N_1$ : 4405	$T_1$ : 1.6	
$t_{R2}$ : 16.4	$N_2$ : 7339	$T_2$ : 1.0	$R_s$ : 1.7
$t_{R3}$ : 17.8	$N_3$ : 6775	$T_3$ : 1.5	$R_s$ : 1.8
$t_{R4}$ : 22.4	$N_4$ : 5266	$T_4$ : 0.9	$R_s$ : 4.3

