

Datasheet

Darunavir

Product Name	Darunavir
Catalogue Number	BSV-S5250
Chemical Formula	C ₂₇ H ₃₇ N ₃ O ₇ S
Function	HIV protease inhibitor
CAS No.:	206361-99-1

Description:

Darunavir is a nonpeptidic **HIV protease** inhibitor, used to treat HIV infection.

Product Details:

Target: HIV protease

Chemical name: Carbamic acid, N-[(1S,2R)-3-[[[4-aminophenyl]sulfonyl](2-methylpropyl)amino]-2-hydroxy-1-(phenylmethyl)propyl]-, (3R,3aS,6aR)-hexahydrofuro[2,3-b]furan-3-yl ester

Formula: C₂₇H₃₇N₃O₇S

Molecular weight: 547.66

Purity: 99.04 %

Solubility: 100 mg/mL (DMSO), 11 mg/mL (ethanol)

Storage: 3 years -20°C powder, 2 years -80°C in solvent

Preparing stock solutions

Concentration /Mass	1 mg	5 mg	10 mg
1 mM	1.8260 mL	9.1298 mL	18.2595 mL
5 mM	0.3652 mL	1.8260 mL	3.6519 mL
10 mM	0.1826 mL	0.9130 mL	1.8260 mL
50 mM	0.0365 mL	0.1826 mL	0.3652 mL