

Datasheet

Indinavir Sulfate

Product Name	Indinavir Sulfate
Catalogue Number	BSV-S9567
Chemical Formula	C ₃₆ H ₄₉ N ₅ O ₈ S
Function	HIV protease inhibitor
CAS No.:	157810-81-6

Description:

Indinavir sulfate is a specific and potent inhibitor of **HIV-1 protease** and is widely used in the treatment of AIDS.

Product Details:

Target: HIV-1 protease

Chemical name: D-erythro-Pentonamide, 2,3,5-trideoxy-N-[(1S,2R)-2,3-dihydro-2-hydroxy-1H-inden-1-yl]-5-[(2S)-2-[[[(1,1-dimethylethyl)amino]carbonyl]-4-(3-pyridinylmethyl)-1-piperazinyl]-2-(phenylmethyl)-, sulfate (1:1)

Formula: C₃₆H₄₉N₅O₈S

Molecular weight: 711.87

Purity: 99.78 %

Solubility: 100 mg/mL (DMSO)

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

Regulatory/ Restrictions: For laboratory use only.

Preparing stock solutions:

Concentration/Mass	1 mg	5 mg	10 mg
1 mM	1.4048 mL	7.0238 mL	14.0475 mL
5 mM	0.2810 mL	1.4048 mL	2.8095 mL
10 mM	0.1405 mL	0.7024 mL	1.4048 mL
50 mM	0.0281 mL	0.1405 mL	0.2810 mL