

Product Datasheet

Nelfinavir Mesylate (orb1301226)

Catalog Number	orb1301226
Category	Small Molecules
Description	Nelfinavir Mesylate (Viracept) is a potent small molecule HIV-1 protease inhibitor with a Ki of 2 nM. It is widely used in biochemical and antiviral research, including in vitro enzyme assays and studies of HIV replication, and has been investigated in vivo for its antiretroviral effects and potential in cancer research.
Target	HIV Protease
Purity	98.51%
MW	663.89
Target Areas	HIV Protease
Solubility (25°C)	H2O: 1 mg/mL (insoluble or slightly soluble);DMSO:93 mg/mL (140.08 mM);Ethanol:93 mg/mL (140.08 mM);10% DMSO+40% PEG300+5% Tween 80+45% Saline:5 mg/mL (7.53 mM)
CAS Number	159989-65-8
Formula	$C_{33}H_{49}N_3O_7S_2$
SMILES	<chem>Cc1c(cccc1O)C(=O)N[C@@H](CSc1ccccc1)[C@@H](CN1C[C@H]2CCCC[C@H]2C[C@H]1C(=O)NC(C)(C)C)O.CS(=O)(=O)O</chem>
Storage	keep away from direct sunlight,store at low temperature,keep away from moisture Powder: -20°C for 3 years In solvent: -80°C for 1 year Shipping with blue ice/Shipping at ambient temperature.
Note	For research use only
Expiration Date	12 months from date of receipt.

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