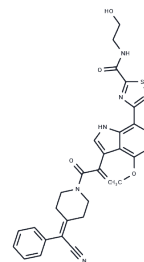


BMS-818251

Chemical Properties

CAS No. : 2974489-09-1
 Formula: C₂₉H₂₆N₆O₅
 Molecular Weight: 570.619
 Storage: Powder: -20°C for 3 years | In solvent: -80°C for 1 year
 Actual storage temperature shall be subject to the COA.



Biological Description

Description	BMS-818251 is a potent small-molecule inhibitor that targets HIV-1 entry, with an EC ₅₀ value of 0.019 nM. It exhibits over 10 times greater efficacy on the cross-subtype panels of the 208-HIV-1 strain compared to BMS-626529. BMS-818251 enhances potency through interactions with gp120 residues in the conserved β20-β21 hairpin.
Targets(IC ₅₀)	HIV Protease

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.7525 mL	8.7624 mL	17.5248 mL
5 mM	0.3505 mL	1.7525 mL	3.505 mL
10 mM	0.1752 mL	0.8762 mL	1.7525 mL
50 mM	0.035 mL	0.1752 mL	0.3505 mL

Please select the appropriate solvent to prepare the stock solution, according to the solubility of the product in different solvents. Please use it as soon as possible.

Note: The dilution table applies only to solid products. For liquid products, please calculate the stock solution based on the stated concentration and/or density.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

This product is for Research Use Only · Not for Human or Veterinary or Therapeutic Use

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