

BNM-III-170

Chemical Properties

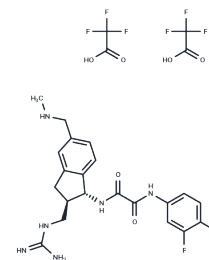
CAS No. : 1859189-55-1

Formula: C₂₅H₂₆ClF₇N₆O₆

Molecular Weight: 674.96

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	BNM-III-170 inhibits HIV-1 viral entry into target cells.
Targets(IC50)	Others,HIV Protease

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.4816 mL	7.4078 mL	14.8157 mL
5 mM	0.2963 mL	1.4816 mL	2.9631 mL
10 mM	0.1482 mL	0.7408 mL	1.4816 mL
50 mM	0.0296 mL	0.1482 mL	0.2963 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.

Reference

Fritschi CJ, et al. Identification of gp120 Residue His105 as a Novel Target for HIV-1 Neutralization by Small-Molecule CD4-Mimics. ACS Med Chem Lett. 2021 Oct 29;12(11):1824-1831.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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