

NBD-10007

Chemical Properties

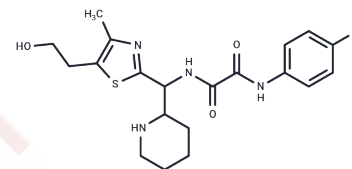
CAS No. : 1375736-65-4

Formula: C₂₀H₂₅ClN₄O₃S

Molecular Weight: 436.96

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	NBD-10007 is an inhibitor of HIV-1 entry.
Targets(IC50)	Others,HIV Protease

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.2885 mL	11.4427 mL	22.8854 mL
5 mM	0.4577 mL	2.2885 mL	4.5771 mL
10 mM	0.2289 mL	1.1443 mL	2.2885 mL
50 mM	0.0458 mL	0.2289 mL	0.4577 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

Curreli F, Kwon YD, Zhang H, Yang Y, Scacalossi D, Kwong PD, Debnath AK. Binding mode characterization of NBD series CD4-mimetic HIV-1 entry inhibitors by X-ray structure and resistance study. *Antimicrob Agents Chemother.* 2014 Sep;58(9):5478-91. doi: 10.1128/AAC.03339-14. Epub 2014 Jul 7. PubMed PMID: 25001301; PubMed Central PMCID: PMC4135886.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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