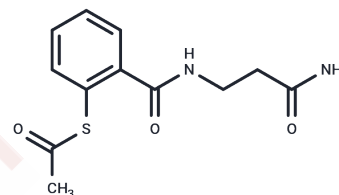


SAMT-247

Chemical Properties

CAS No. : 850715-59-2
 Formula: C₁₂H₁₄N₂O₃S
 Molecular Weight: 266.32
 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	SAMT-247 is an HIV inhibitor that acts by modifying the nucleocapsid NCp7 region of Gag in infected cells and blocking Gag processing and reducing infectivity.
Targets(IC50)	Others,HIV Protease

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	3.7549 mL	18.7744 mL	37.5488 mL
5 mM	0.751 mL	3.7549 mL	7.5098 mL
10 mM	0.3755 mL	1.8774 mL	3.7549 mL
50 mM	0.0751 mL	0.3755 mL	0.751 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

Nikolayevskiy H, Scerba MT, Deschamps JR, Appella DH. Reaction Kinetics Direct a Rational Synthesis of an HIV-1 Inactivator of Nucleocapsid Protein 7 and Provide Mechanistic Insight into Cellular Metabolism and Antiviral Activity. Chemistry. 2018 Apr 13. doi: 10.1002/chem.201801253. [Epub ahead of print] PubMed PMID: 29653024.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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