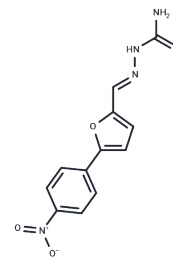


F8-S43-S3

Chemical Properties

CAS No. : 1632320-78-5
 Formula: C₁₂H₁₀N₄O₃S
 Molecular Weight: 290.3
 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	F8-S43-S3 is a highly effective entry inhibitor targeting enveloped viruses. It exhibits significant in vitro neutralizing activity against various influenza strains by binding to specific viral surface glycoproteins and interfering with the membrane fusion process.
Targets(IC50)	Antiviral

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	3.4447 mL	17.2236 mL	34.4471 mL
5 mM	0.6889 mL	3.4447 mL	6.8894 mL
10 mM	0.3445 mL	1.7224 mL	3.4447 mL
50 mM	0.0689 mL	0.3445 mL	0.6889 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

Becker Irwin. Preparation of derivatives of 1-(2-pyrimidinyl)piperazine as potential antianxiety, antidepressant, and antipsychotic agents. Journal of Heterocyclic Chemistry. 2008;45(4):1005-1022.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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