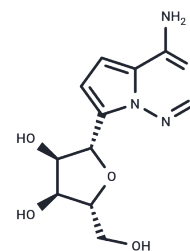


Antiviral agent 17

Chemical Properties

CAS No. :	158227-81-7
Formula:	C ₁₁ H ₁₄ N ₄ O ₄
Molecular Weight:	266.25
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	Antiviral agent 17 (Compound 4) is an anti-infection compound with strong antiviral effects, demonstrated by an EC ₅₀ of 0.015 μM in a human replicon assay, and effective against murine norovirus. It has potential applications in studying infectious and malignant diseases[1].
Targets(IC50)	Antiviral,HCV Protease,Antibiotic,DNA/RNA Synthesis

Solubility Information

Solubility	DMSO: 100 mg/mL (375.59 mM),Sonication is recommended. (< 1 mg/ml refers to the product slightly soluble or insoluble)
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Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	3.7559 mL	18.7793 mL	37.5587 mL
5 mM	0.7512 mL	3.7559 mL	7.5117 mL
10 mM	0.3756 mL	1.8779 mL	3.7559 mL
50 mM	0.0751 mL	0.3756 mL	0.7512 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

Li Q, et al. Anti-norovirus activity of C7-modified 4-amino-pyrrolo[2,1-f][1,2,4]triazine C-nucleosides. Eur J Med Chem. 2020 Jun 1;195:112198.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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Tel:781-999-4286 E_mail:info@targetmol.com Address:34 Washington Street,Wellesley Hills,MA 02481