

MTase-IN-1

Chemical Properties

CAS No. :

Formula: C₃₁H₂₉N₇O₆S

Molecular Weight: 627.67

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	MTase-IN-1 (compound 26), a potent and selective inhibitor of coronavirus nsp14 N7-methyltransferases, exhibits an IC ₅₀ of 0.72 nM. It disrupts viral RNA translation and hinders immune evasion [1].
Targets(IC ₅₀)	SARS-CoV

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.5932 mL	7.966 mL	15.9319 mL
5 mM	0.3186 mL	1.5932 mL	3.1864 mL
10 mM	0.1593 mL	0.7966 mL	1.5932 mL
50 mM	0.0319 mL	0.1593 mL	0.3186 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.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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