

SARS-CoV-2-IN-28 disodium

Chemical Properties

CAS No. :

Formula: C₅₆H₅₈Na₂O₈P₂

Molecular Weight: 966.98

Appearance: no data available

Storage: Powder: -20°C for 3 years | In solvent: -80°C for 1 year

Biological Description

Description	SARS-CoV-2-IN-28 disodium, a diphosphate ester featuring a C7 alkyl chain and extended-length molecular tweezers, demonstrates antiviral efficacy by showing IC ₅₀ values of 0.4 μ M and 1.0 μ M against SARS-CoV-2 activity and spike pseudoparticle transduction, respectively. Additionally, it disrupts liposomal membranes with an EC ₅₀ of 4.4 μ M [1].
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Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.0341 mL	5.1707 mL	10.3415 mL
5 mM	0.2068 mL	1.0341 mL	2.0683 mL
10 mM	0.1034 mL	0.5171 mL	1.0341 mL
50 mM	0.0207 mL	0.1034 mL	0.2068 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.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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