

SARS-CoV-2-IN-40

Chemical Properties

CAS No. :

Formula: C₂₅H₄₀O₄

Molecular Weight: 404.58

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	SARS-CoV-2-IN-40 (Compound 19) is a SARS-CoV-2 inhibitor that effectively suppresses the infection of Calu3 lung cells by the BA.1 and BA.5 variants, exhibiting half-maximal inhibitory concentrations (IC ₅₀ s) of 100 nM and 160 nM, respectively [1].
Targets(IC ₅₀)	SARS-CoV

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.4717 mL	12.3585 mL	24.717 mL
5 mM	0.4943 mL	2.4717 mL	4.9434 mL
10 mM	0.2472 mL	1.2358 mL	2.4717 mL
50 mM	0.0494 mL	0.2472 mL	0.4943 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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Tel:781-999-4286 E_mail:info@targetmol.com Address:34 Washington Street,Wellesley Hills,MA 02481