

SARS-CoV-2-IN-50

Chemical Properties

CAS No. :

Formula: C₂₆H₂₈FN₅O₄

Molecular Weight: 493.53

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-50 (Compound X77C) is a potent inhibitor of the SARS-CoV-2 main protease (M ^{pro}), demonstrating high affinity for the enzyme's catalytic site [1].
Targets(IC50)	SARS-CoV

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.0262 mL	10.1311 mL	20.2622 mL
5 mM	0.4052 mL	2.0262 mL	4.0524 mL
10 mM	0.2026 mL	1.0131 mL	2.0262 mL
50 mM	0.0405 mL	0.2026 mL	0.4052 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