

SARS-CoV MPro-IN-2

Chemical Properties

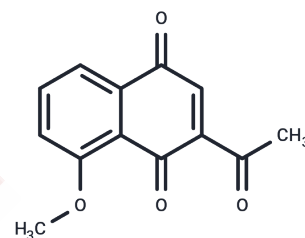
CAS No. : 81418-42-0

Formula: C₁₃H₁₀O₄

Molecular Weight: 230.22

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 MPro-IN-2 effectively inhibits the SARS-CoV-2 main protease (M pro), crucial for the virus's replication and transcription in host cells, with an IC ₅₀ value of 72.07 nM. Given its significant role in processing viral polyproteins, M pro is regarded as a key target in drug discovery efforts. Consequently, SARS-CoV MPro-IN-2 holds promise for COVID-19 research.
Targets(IC ₅₀)	Others,SARS-CoV

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	4.3437 mL	21.7184 mL	43.4367 mL
5 mM	0.8687 mL	4.3437 mL	8.6873 mL
10 mM	0.4344 mL	2.1718 mL	4.3437 mL
50 mM	0.0869 mL	0.4344 mL	0.8687 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