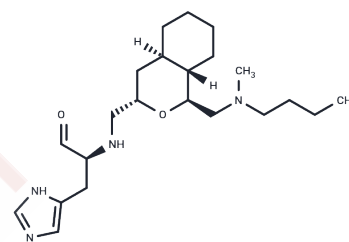


SARS 3CLpro-IN-1

Chemical Properties

CAS No. :	2409178-86-3
Formula:	C ₂₂ H ₃₈ N ₄ O ₂
Molecular Weight:	390.56
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 3CLpro-IN-1 (Compound 3b) is a stereo-specific SARS 3CL protease inhibitor from the octahydroisochromene scaffold, exhibiting inhibition of the P1 site imidazole with an IC ₅₀ value of 95 μM [1].
Targets(IC ₅₀)	Others,SARS-CoV
In vitro	SARS 3CLpro-IN-1 (Compound 3b) exhibits significant activity with an IC ₅₀ of 95 μM and possesses a (1S, 3S)-configuration within its ring system [1].

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.5604 mL	12.8021 mL	25.6043 mL
5 mM	0.5121 mL	2.5604 mL	5.1209 mL
10 mM	0.256 mL	1.2802 mL	2.5604 mL
50 mM	0.0512 mL	0.256 mL	0.5121 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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