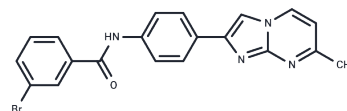


SARS-CoV-2 nsp13-IN-4

Chemical Properties

CAS No. :	923140-39-0
Formula:	C ₂₀ H ₁₅ BrN ₄ O
Molecular Weight:	407.26
Appearance:	no data available
Storage:	Powder: -20°C for 3 years In solvent: -80°C for 1 year



Biological Description

Description	SARS-CoV-2 nsp13-IN-4 (C4 (d)) is a potent and selective small-molecule inhibitor of nsp13 helicase. SARS-CoV-2 nsp13-IN-4 inhibits the ssDNA+ ATPase activity of nsp13 with an IC ₅₀ of 57 μM. SARS-CoV-2 nsp13-IN-4 can provide a broad-spectrum antiviral effect.
In vitro	SARS-CoV-2 nsp13-IN-4 (C4 (d)) demonstrates inhibitory action against both the ssDNA+ ATPase and ssDNA ATPase activities of nsp13, achieving IC ₅₀ values of 57 μM and 240 μM, respectively [1].

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.4554 mL	12.2772 mL	24.5543 mL
5 mM	0.4911 mL	2.4554 mL	4.9109 mL
10 mM	0.2455 mL	1.2277 mL	2.4554 mL
50 mM	0.0491 mL	0.2455 mL	0.4911 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

This product is for Research Use Only · Not for Human or Veterinary or Therapeutic Use

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