

XJ5

Chemical Properties

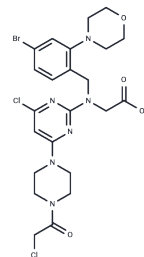
CAS No. :

Formula: C₂₃H₂₇BrCl₂N₆O₄

Molecular Weight: 602.308

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	XJ5 is a non-nucleoside covalent inhibitor of Nsp12 (IC ₅₀ =0.12 μM), which is a non-structural protein 12 of the virus. XJ5 has the potential to become an antiviral inhibitor for SARS-CoV-2.
Targets(IC ₅₀)	SARS-CoV

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.6603 mL	8.3014 mL	16.6027 mL
5 mM	0.3321 mL	1.6603 mL	3.3205 mL
10 mM	0.166 mL	0.8301 mL	1.6603 mL
50 mM	0.0332 mL	0.166 mL	0.3321 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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