

3CPLro-IN-2

Chemical Properties

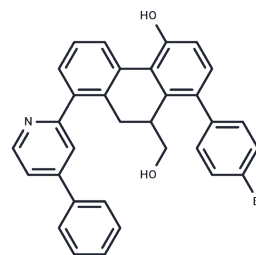
CAS No. : 2758278-51-0

Formula: C₃₂H₂₄BrNO₂

Molecular Weight: 534.44

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	3CPLro-IN-2 is a potent, orally active inhibitor of SARS-CoV-2 3CLpro (IC ₅₀ : 1.55 μM, K _i : 6.09 μM). 3-Chymotrypsin-like cysteine protease (3CLpro) is an essential protein for viral replication and is a potential drug target against COVID-19.
Targets(IC ₅₀)	Others,SARS-CoV

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.8711 mL	9.3556 mL	18.7112 mL
5 mM	0.3742 mL	1.8711 mL	3.7422 mL
10 mM	0.1871 mL	0.9356 mL	1.8711 mL
50 mM	0.0374 mL	0.1871 mL	0.3742 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

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

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