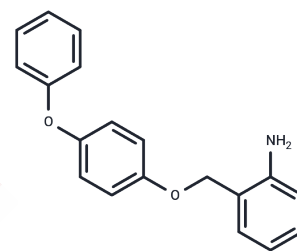


MERS-CoV-IN-1

Chemical Properties

CAS No. :	2245697-92-9
Formula:	C19H17NO2
Molecular Weight:	291.34
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	MERS-CoV-IN-1 exhibits excellent inhibitory activity against coronavirus and is useful as a pharmaceutical composition for preventing coronavirus-induced diseases (MERS-CoV and SARS).
Targets(IC50)	SARS-CoV

Solubility Information

Solubility	DMSO: 250 mg/mL (858.1 mM),Sonication is recommended. (< 1 mg/ml refers to the product slightly soluble or insoluble)
In vivo Formulation	10% DMSO+40% PEG300+5% Tween 80+45% Saline: 5 mg/mL (17.16 mM),Sonication is recommended. <i>Please add the solvents sequentially, clarifying the solution as much as possible before adding the next one. Dissolve by heating and/or sonication if necessary. Working solution is recommended to be prepared and used immediately. The formulation provided above is for reference purposes only. In vivo formulations may vary and should be modified based on specific experimental conditions.</i>

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	3.4324 mL	17.1621 mL	34.3242 mL
5 mM	0.6865 mL	3.4324 mL	6.8648 mL
10 mM	0.3432 mL	1.7162 mL	3.4324 mL
50 mM	0.0686 mL	0.3432 mL	0.6865 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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