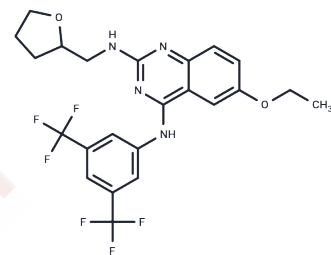


HCoV-OC43-IN-1

## Chemical Properties

CAS No. : 2809363-81-1  
 Formula: C<sub>23</sub>H<sub>22</sub>F<sub>6</sub>N<sub>4</sub>O<sub>2</sub>  
 Molecular Weight: 500.44  
 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	HCoV-OC43-IN-1 (Compound IV-16) is an inhibitor of the coronavirus HCoV-OC43, demonstrating antiviral efficacy with an EC <sub>50</sub> of 90 nM and effectively reducing mRNA levels and expression of the viral nucleocapsid protein (NP) [1].
Targets(IC <sub>50</sub> )	SARS-CoV

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.9982 mL	9.9912 mL	19.9824 mL
5 mM	0.3996 mL	1.9982 mL	3.9965 mL
10 mM	0.1998 mL	0.9991 mL	1.9982 mL
50 mM	0.040 mL	0.1998 mL	0.3996 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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