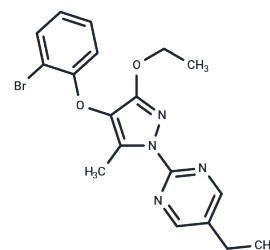


## hDHODH-IN-3

## Chemical Properties

CAS No. :	1644156-80-8
Formula:	C <sub>18</sub> H <sub>19</sub> BrN <sub>4</sub> O <sub>2</sub>
Molecular Weight:	403.27
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	hDHODH-IN-3 is an inhibitor of human dihydroorotate dehydrogenase with a pMIC <sub>50</sub> value of 8.6. hDHODH-IN-3 can inhibit measles virus replication.
Targets(IC <sub>50</sub> )	Dehydrogenase,DNA/RNA Synthesis,Influenza Virus

## Solubility Information

Solubility	DMSO: 5.5 mg/mL (13.64 mM),Sonication is recommended. (< 1 mg/ml refers to the product slightly soluble or insoluble)
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## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.4797 mL	12.3986 mL	24.7973 mL
5 mM	0.4959 mL	2.4797 mL	4.9595 mL
10 mM	0.248 mL	1.2399 mL	2.4797 mL
50 mM	0.0496 mL	0.248 mL	0.4959 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.

## Reference

Lucas-Hourani M, et al. Original 2-(3-Alkoxy-1H-pyrazol-1-yl)azines Inhibitors of Human Dihydroorotate Dehydrogenase (DHODH).J Med Chem. 2015 Jul 23;58(14):5579-98.

**Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins**

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