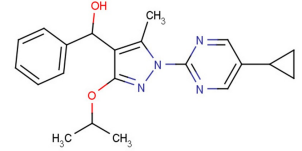


## Data Sheet (Cat.No.T11028)

DHODH-IN-5

### Chemical Properties

CAS No.:	1644156-56-8
Formula:	C <sub>21</sub> H <sub>24</sub> N <sub>4</sub> O <sub>2</sub>
Molecular Weight:	364.44
Appearance:	N/A
Storage:	0-4°C for short term (days to weeks), or -20°C for long term (months).



### Biological Description

Description	DHODH-in -5 is a potent inhibitor of human dihydrogen dehydrogenase (DHODH). For human recombinant DHODH, its pIC <sub>50</sub> is 7.8. DHODH-IN-5 inhibits measles virus replication with a pMIC <sub>50</sub> of 8.8.
Targets(IC <sub>50</sub> )	Others: None

### Solubility Information

Solubility	DMSO: 125 mg/mL (342.99 mM) ( < 1 mg/ml refers to the product slightly soluble or insoluble)
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#### Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.744 mL	13.72 mL	27.439 mL
5 mM	0.549 mL	2.744 mL	5.488 mL
10 mM	0.274 mL	1.372 mL	2.744 mL
50 mM	0.055 mL	0.274 mL	0.549 mL

Please select the appropriate solvent to prepare the stock solution, according to the solubility of the product in different solvents. The storage conditions and period of the stock solution: - 80 °C for 6 months; - 20 °C for 1 month. Please use it as soon as possible.

#### Reference

1. Munier-Lehmann H, et al. Original 2-(3-alkoxy-1H-pyrazol-1-yl)pyrimidine derivatives as inhibitors of human dihydroorotate dehydrogenase (DHODH). J Med Chem. 2015 Jan 22;58(2):860-77.

Inhibitors · Natural Compounds · Compound Libraries

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Tel:781-999-4286

E-mail:[info@targetmol.com](mailto:info@targetmol.com)

Address:36 Washington Street,Wellesley Hills,MA 02481