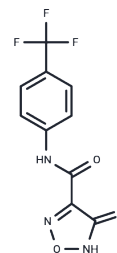


## DHODH-IN-13

## Chemical Properties

CAS No. :	1364791-86-5
Formula:	C <sub>10</sub> H <sub>6</sub> F <sub>3</sub> N <sub>3</sub> O <sub>3</sub>
Molecular Weight:	273.17
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	DHODH-IN-13 is an inhibitor of DHODH with IC <sub>50</sub> of 4.3 μM for rat liver. DHODH-IN-13 can be used in studies about rheumatoid arthritis.
Targets(IC <sub>50</sub> )	Dehydrogenase,DNA/RNA Synthesis

## Solubility Information

Solubility	DMSO: 50 mg/mL (183.04 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	3.6607 mL	18.3036 mL	36.6072 mL
5 mM	0.7321 mL	3.6607 mL	7.3214 mL
10 mM	0.3661 mL	1.8304 mL	3.6607 mL
50 mM	0.0732 mL	0.3661 mL	0.7321 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

Lolli ML, et al. New inhibitors of dihydroorotate dehydrogenase (DHODH) based on the 4-hydroxy-1,2,5-oxadiazol-3-yl (hydroxyfurazanyl) scaffold. Eur J Med Chem. 2012 Mar;49:102-9.

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

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