Data Sheet (Cat.No.T11547)



hDHODH-IN-2

Chemical Properties

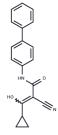
CAS No.: 183946-00-1

Formula: C19H16N2O2

Molecular Weight: 304.349

Appearance: no data available

Storage: Powder: -20°C for 3 years | In solvent: -80°C for 1 year



Biological Description

Description	hDHODH-IN-2 is an analogue of the active metabolite of Leflunomide. hDHODH-IN-2 is a human dihydroorotate dehydrogenase (hDHODH) inhibitor with anti-inflammatory activity.
Targets(IC50)	Others
In vitro	hDHODH-IN-2 ?inhibits rat and mouse DHODH with log(1/IC50) values of 5.83 and 5.80, respectively in self-organizing molecular field analysis (SOMFA).

Preparing Stock Solutions

	1mg	5mg	10mg	
1 mM	3.2857 mL	16.42 <mark>85 mL</mark>	32.8569 mL	
5 mM	0.6571 mL	3.2857 mL	6.5714 mL	
10 mM	0.3286 mL	1.6428 mL	3.2857 mL	
50 mM	0.0657 mL	0.3286 mL	0.6571 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.

Reference

Li SL, et al. 3D-QSAR studies on a series of dihydroorotate dehydrogenase inhibitors: analogues of the active metabolite of leflunomide. Int J Mol Sci. 2011;12(5):2982-93.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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