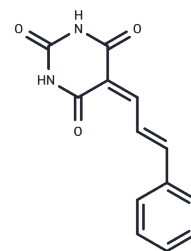


DHODH-IN-29

Chemical Properties

CAS No. : 212375-00-3
 Formula: C₁₃H₁₀N₂O₃
 Molecular Weight: 242.23
 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-29 (Compound 2i) is a covalent inhibitor of Leishmania braziliensis dihydroorotate dehydrogenase (LbDHODH), with an IC ₅₀ value of 0.5 μM. It shows potential for use in leishmaniasis research.
Targets(IC ₅₀)	Parasite, Dehydrogenase

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	4.1283 mL	20.6415 mL	41.2831 mL
5 mM	0.8257 mL	4.1283 mL	8.2566 mL
10 mM	0.4128 mL	2.0642 mL	4.1283 mL
50 mM	0.0826 mL	0.4128 mL	0.8257 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

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Tel: 781-999-4286 E_mail: info@targetmol.com Address: 34 Washington Street, Wellesley Hills, MA 02481