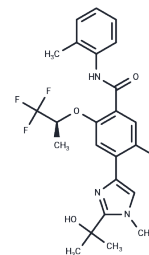


DHODH-IN-20

Chemical Properties

CAS No. :	2639835-02-0
Formula:	C ₂₄ H ₂₅ F ₄ N ₃ O ₃
Molecular Weight:	479.47
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-20 (Compound 133) is a potent inhibitor of DHODH. Among them, DHODH is an iron-containing flavin-dependent enzyme that is present in the inner membrane of human mitochondria. DHODH-IN-20 showed an inhibitory effect on tumor growth. DHODH-IN-20 has the potential to be used in the study of acute myeloid leukemia.
Targets(IC50)	Others,Dehydrogenase,DNA/RNA Synthesis

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.0856 mL	10.4282 mL	20.8564 mL
5 mM	0.4171 mL	2.0856 mL	4.1713 mL
10 mM	0.2086 mL	1.0428 mL	2.0856 mL
50 mM	0.0417 mL	0.2086 mL	0.4171 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

This product is for Research Use Only · Not for Human or Veterinary or Therapeutic Use

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