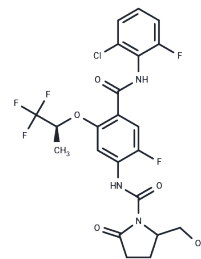


DHODH-IN-25

Chemical Properties

CAS No. :	2619531-95-0
Formula:	C ₂₂ H ₁₉ ClF ₅ N ₃ O ₅
Molecular Weight:	535.85
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-25 (Compound 25) serves as an orally active inhibitor of dihydroorotate dehydrogenase (DHODH), exhibiting a potent IC ₅₀ of 5.4 nM against human DHODH. It is applicable in research related to acute myeloid leukemia (AML) [1].
Targets(IC ₅₀)	Dehydrogenase,DNA/RNA Synthesis

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.8662 mL	9.331 mL	18.6619 mL
5 mM	0.3732 mL	1.8662 mL	3.7324 mL
10 mM	0.1866 mL	0.9331 mL	1.8662 mL
50 mM	0.0373 mL	0.1866 mL	0.3732 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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