

hDHODH-IN-10

## Chemical Properties

CAS No. :

Formula: C<sub>21</sub>H<sub>15</sub>ClF<sub>4</sub>N<sub>2</sub>O<sub>4</sub>

Molecular Weight: 470.8

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	hDHODH-IN-10 is a selective, orally active, potent hDHODH inhibitor (IC <sub>50</sub> : 10.9 nM) that forms hydrogen bonds with key residues Arg136 and Gln47. It inhibits cancer cell proliferation and can be used to study cancers (e.g. AML, colon cancer).
Targets(IC <sub>50</sub> )	Others,Dehydrogenase

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.124 mL	10.6202 mL	21.2404 mL
5 mM	0.4248 mL	2.124 mL	4.2481 mL
10 mM	0.2124 mL	1.062 mL	2.124 mL
50 mM	0.0425 mL	0.2124 mL	0.4248 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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