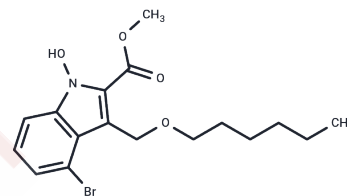


LDHA-IN-9

Chemical Properties

CAS No. : 862719-04-8
 Formula: C17H22BrNO4
 Molecular Weight: 384.27
 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	LDHA-IN-9 (Compound 1g) is an LDH-A inhibitor with an IC50 of 25 nM. It inhibits the proliferation of DLD-1 cells by inducing apoptosis, with a GI50 of 27 μM. In mouse models, LDHA-IN-9 exhibits antitumor activity without significant toxicity at a dose of 25 mg/kg.
Targets(IC50)	Apoptosis, Dehydrogenase

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.6023 mL	13.0117 mL	26.0234 mL
5 mM	0.5205 mL	2.6023 mL	5.2047 mL
10 mM	0.2602 mL	1.3012 mL	2.6023 mL
50 mM	0.052 mL	0.2602 mL	0.5205 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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