

LDHA-IN-4

Chemical Properties

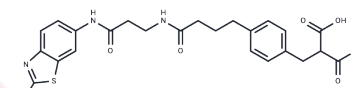
CAS No. : 1370290-34-8

Formula: C₂₅H₂₇N₃O₆S

Molecular Weight: 497.56

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-4 (AZ33) is an LDHA inhibitor. Binding affinity to 6-His-tagged human LDHA (2 to 322 amino acid residue) expressed in Escherichia coli BL21 (DE3) cells by SPR analysis with an active value of 0.093 μ M.
Targets(IC50)	Dehydrogenase

Solubility Information

Solubility	DMSO: 4.98 mg/mL (10.01 mM), Sonication is recommended. (< 1 mg/ml refers to the product slightly soluble or insoluble)
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Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.0098 mL	10.049 mL	20.0981 mL
5 mM	0.402 mL	2.0098 mL	4.0196 mL
10 mM	0.201 mL	1.0049 mL	2.0098 mL
50 mM	0.0402 mL	0.201 mL	0.402 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.

Reference

Ward RA, et al. J Med Chem. 2012 Apr 12;55(7):3285-306.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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