

AXKO-0046

Chemical Properties

CAS No. :

Formula: C₂₅H₃₃N₃

Molecular Weight: 375.55

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	AXKO-0046 is an indole derivative and small-molecule LDHB selective inhibitor.
Targets(IC50)	Others,Dehydrogenase
In vitro	AXKO-0046 has selectivity and highly potent LDHB inhibitory activity with an value EC 50 of 42 nM. AXKO-0046 binds to the potential allosteric site away from the LDHB catalytic active site. AXKO-0046 can be used to validate LDHB associated pathways in cancer metabolism [1].

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.6628 mL	13.3138 mL	26.6276 mL
5 mM	0.5326 mL	2.6628 mL	5.3255 mL
10 mM	0.2663 mL	1.3314 mL	2.6628 mL
50 mM	0.0533 mL	0.2663 mL	0.5326 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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