

LH1513

## Chemical Properties

CAS No. :

Formula: C10H11N2Na3O8

Molecular Weight: 356.17

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	LH1513 is a dioxalate salt derivative of l-lysine that inhibits CaOx crystallization more effectively than citrate and pyruvate. It shows potential preventive activity in hyperoxaluria models and effectively prevents urinary CaOx crystal formation in Agxt knockout mice. AGXT-1 is a mitochondrial protein involved in metabolic processes.
Targets(IC50)	Mitochondrial Metabolism

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.8076 mL	14.0382 mL	28.0765 mL
5 mM	0.5615 mL	2.8076 mL	5.6153 mL
10 mM	0.2808 mL	1.4038 mL	2.8076 mL
50 mM	0.0562 mL	0.2808 mL	0.5615 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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