

Cysteamine-D4 hydrochloride

Chemical Properties

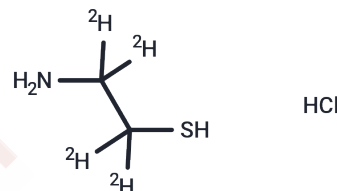
CAS No. : 1219805-04-5

Formula: C₂H₈ClNS

Molecular Weight: 117.63

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	Cysteamine-D4 hydrochloride is the deuterated form of cysteamine hydrochloride. Cysteamine hydrochloride (T6460) (2-Aminoethanethiol hydrochloride) is an orally administrable small molecule active compound used to treat nephropathic cystinosis and also serves as an antioxidant.
Targets(IC50)	Apoptosis, Reactive Oxygen Species, Endogenous Metabolite, Autophagy

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	8.5012 mL	42.5062 mL	85.0123 mL
5 mM	1.7002 mL	8.5012 mL	17.0025 mL
10 mM	0.8501 mL	4.2506 mL	8.5012 mL
50 mM	0.170 mL	0.8501 mL	1.7002 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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