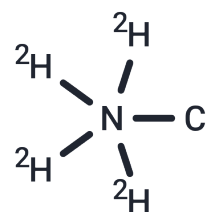


Ammonium-D4 chloride

Chemical Properties

CAS No. :	12015-14-4
Formula:	ClH ₄ N
Molecular Weight:	57.52
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	Ammonium-D4 chloride is the deuterated form of Ammonium chloride. This compound acts as an amphoteric agent to adjust pH levels, causing intracellular alkalization and metabolic acidosis, which can affect enzyme activities and biological processes. Additionally, Ammonium chloride (T64755) functions as an autophagy inhibitor and also serves as a lysosomal inhibitor.
Targets(IC50)	Autophagy

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	17.3853 mL	86.9263 mL	173.8526 mL
5 mM	3.4771 mL	17.3853 mL	34.7705 mL
10 mM	1.7385 mL	8.6926 mL	17.3853 mL
50 mM	0.3477 mL	1.7385 mL	3.4771 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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