

Ammonium oxalate monohydrate

Chemical Properties

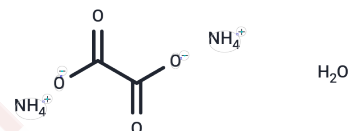
CAS No. : 6009-70-7

Formula: C₂H₁₀N₂O₅

Molecular Weight: 142.11

Storage: Store at RT

Actual storage temperature shall be subject to the COA.



Biological Description

Description	Ammonium oxalate monohydrate is a commonly used chemical precipitant, used for separating and purifying metal ions, as well as in organic synthesis and the preparation of metal polishing agents.
Targets(IC50)	Others,Endogenous Metabolite

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	7.0368 mL	35.184 mL	70.368 mL
5 mM	1.4074 mL	7.0368 mL	14.0736 mL
10 mM	0.7037 mL	3.5184 mL	7.0368 mL
50 mM	0.1407 mL	0.7037 mL	1.4074 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

Qiao Y, et al. Negative Linear Compressibility in Organic Mineral Ammonium Oxalate Monohydrate with Hydrogen Bonding Wine-Rack Motifs. J Phys Chem Lett. 2015 Jul 16;6(14):2755-60.

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