

Copper(II) acetate

Chemical Properties

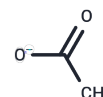
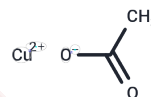
CAS No. : 142-71-2

Formula: C₄H₆CuO₄

Molecular Weight: 181.63

Storage: Store at RT

Actual storage temperature shall be subject to the COA.



Biological Description

Description	Copper(II) acetate is a high-purity copper reagent that can serve as a copper source in inorganic synthesis and also function as an oxidising agent and catalyst in organic synthesis.
Targets(IC50)	Others

Solubility Information

Solubility	H ₂ O: 40 mg/mL (220.23 mM), Sonication is recommended. (< 1 mg/ml refers to the product slightly soluble or insoluble)
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Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	5.5057 mL	27.5285 mL	55.057 mL
5 mM	1.1011 mL	5.5057 mL	11.0114 mL
10 mM	0.5506 mL	2.7528 mL	5.5057 mL
50 mM	0.1101 mL	0.5506 mL	1.1011 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

Dominic M.T Chan, et al. New N- and O-arylations with phenylboronic acids and cupric acetate. Tetrahedron Letters. 1998, 39(19): 2933-2936.

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