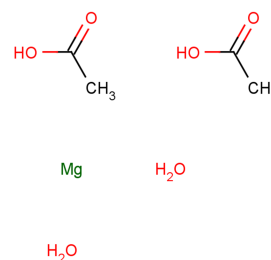


Magnesium acetate tetrahydrate

Chemical Properties

CAS No. :	16674-78-5
Formula:	C ₄ H ₁₂ MgO ₆
Molecular Weight:	180.44
Appearance:	no data available
Storage:	Powder: -20°C for 3 years In solvent: -80°C for 1 year



Biological Description

Description	Magnesium acetate tetrahydrate is the hydrated form of the anhydrous magnesium acetate salt. Magnesium acetate tetrahydrate is commonly used to synthesize other compounds, cocoa as an electrolyte supplement or as a reagent in molecular biology experiments.
Targets(IC50)	Endogenous Metabolite, Antibacterial

Solubility Information

Solubility	DMSO: 90.0 mg/mL (419.7 mM), Need ultrasonic (< 1 mg/ml refers to the product slightly soluble or insoluble)
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Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	5.542 mL	27.710 mL	55.4201 mL
5 mM	1.1084 mL	5.542 mL	11.084 mL
10 mM	0.5542 mL	2.771 mL	5.542 mL
50 mM	0.1108 mL	0.5542 mL	1.1084 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.

Reference

Scheurell K, et al. Optimisation of a sol-gel synthesis route for the preparation of MgF₂ particles for a large scale coating process. Dalton Trans. 2015;44(45):19501-19508.

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