

## Cadmium sulfate hydrate

## Chemical Properties

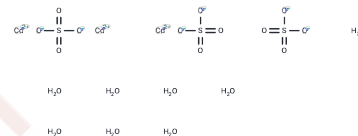
CAS No. : 7790-84-3

Formula: Cd3H16O20S3

Molecular Weight: 769.54

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	Cadmium sulfate hydrate is a water-soluble cadmium salt commonly used in electroplating, batteries, and analytical chemistry research; Cadmium sulfate hydrate is also used in experiments as a model substance for heavy metal toxicity.
Targets(IC50)	Others

## Solubility Information

Solubility	H2O: 80 mg/mL (103.96 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	1.2995 mL	6.4974 mL	12.9948 mL
5 mM	0.2599 mL	1.2995 mL	2.599 mL
10 mM	0.1299 mL	0.6497 mL	1.2995 mL
50 mM	0.026 mL	0.1299 mL	0.2599 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.

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Tel:781-999-4286

E\_mail:info@targetmol.com

Address:34 Washington Street,Wellesley Hills,MA 02481