

Calcium carbonate

Chemical Properties

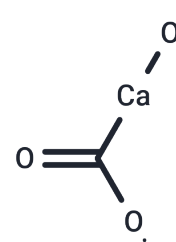
CAS No. : 471-34-1

Formula: CCaO_3

Molecular Weight: 100.087

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	Calcium Carbonate is the carbonic salt of calcium (CaCO_3).
Targets(IC50)	Others

Solubility Information

Solubility	H_2O : Soluble, (< 1 mg/ml refers to the product slightly soluble or insoluble)
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Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	9.991 mL	49.955 mL	99.9101 mL
5 mM	1.9982 mL	9.991 mL	19.982 mL
10 mM	0.9991 mL	4.9955 mL	9.991 mL
50 mM	0.1998 mL	0.9991 mL	1.9982 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

Chen, B. et al.: Nat. Chem. Biol., 5, 100 (2009)

Travan, A. et al.: Biomacromol., 10, 1429 (2009);

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