

Magnesium D-gluconate hydrate

Chemical Properties

CAS No. :

Formula: C₆H₁₂O₇·1/2Mg·H₂O

Molecular Weight: 225.68

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	Magnesium D-gluconate hydrate, 98%, is an effective chelating agent that binds anions of calcium, iron, aluminum, copper, and other heavy metals.
Targets(IC50)	Others

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	4.4311 mL	22.1553 mL	44.3105 mL
5 mM	0.8862 mL	4.4311 mL	8.8621 mL
10 mM	0.4431 mL	2.2155 mL	4.4311 mL
50 mM	0.0886 mL	0.4431 mL	0.8862 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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