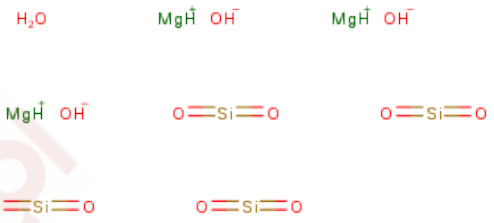
Data Sheet (Cat.No.T0422)

TargetMol

Talc

Chemical Properties



CAS No. : 14807-96-6

Formula: 3MgO·4SiO2·H2O

Molecular Weight: 379.27

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	Talc is a mineral composed of hydrated magnesium silicate.
Targets(IC50)	Others,Reactive Oxygen Species

Solubility Information

Solubility	DMSO: < 1 mg/mL, insoluble or slightly soluble,Sonication is recommended. (< 1 mg/ml refers to the product slightly soluble or insoluble)

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.6366 mL	13.1832 mL	26.3664 mL
5 mM	0.5273 mL	2.6366 mL	5.2733 mL
10 mM	0.2637 mL	1.3183 mL	2.6366 mL
50 mM	0.0527 mL	0.2637 mL	0.5273 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

Ahmed L, et al. Chest. 2014 Dec; 146(6):e190-4.

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