

Meglumine

Chemical Properties

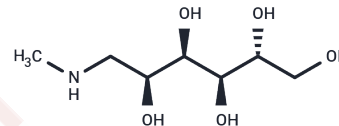
CAS No. : 6284-40-8

Formula: C7H17NO5

Molecular Weight: 195.21

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	Meglumine (Meglumin), a derivative of sorbitol, is used in conjunction with iodinated organic compounds as contrast medium.
Targets(IC50)	Others

Solubility Information

Solubility	DMSO: 55 mg/mL (281.75 mM),Sonication is recommended. Ethanol: < 1 mg/mL (insoluble or slightly soluble), H2O: 36 mg/mL (184.42 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	5.1227 mL	25.6134 mL	51.2269 mL
5 mM	1.0245 mL	5.1227 mL	10.2454 mL
10 mM	0.5123 mL	2.5613 mL	5.1227 mL
50 mM	0.1025 mL	0.5123 mL	1.0245 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

Navaei A, et al. Drug Dev Ind Pharm. 2014 Jun;40(6):701-10.

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