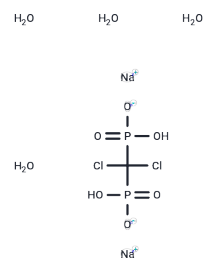


Clodronate disodium tetrahydrate

Chemical Properties

CAS No. : 88416-50-6
 Formula: CH₁₀Cl₂Na₂O₁₀P₂
 Molecular Weight: 360.92
 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	Clodronate disodium tetrahydrate (Clastoban) inhibits bone resorption and soft tissue calcification.
Targets(IC50)	Others,IL Receptor,TNF

Solubility Information

Solubility	H ₂ O: 10 mM,Sonication is recommended. DMSO: Insoluble, (< 1 mg/ml refers to the product slightly soluble or insoluble)
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Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.7707 mL	13.8535 mL	27.707 mL
5 mM	0.5541 mL	2.7707 mL	5.5414 mL
10 mM	0.2771 mL	1.3853 mL	2.7707 mL
50 mM	0.0554 mL	0.2771 mL	0.5541 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

Pennanen, Niina et al. Pharmaceutical Research. 12 (6): 916-922.

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