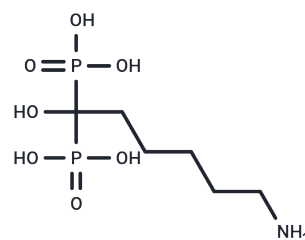


Neridronate

Chemical Properties

CAS No. :	79778-41-9
Formula:	C ₆ H ₁₇ NO ₇ P ₂
Molecular Weight:	277.15
Appearance:	no data available
Storage:	Powder: -20°C for 3 years In solvent: -80°C for 1 year



Biological Description

Description	Neridronate is an aminobisphosphonate, for the treatment of osteogenesis imperfecta (OI) and Paget's disease of bone (PDB).
Targets(IC50)	Others

Solubility Information

Solubility	H ₂ O: 18.75 mg/mL (67.65 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	3.6082 mL	18.0408 mL	36.0815 mL
5 mM	0.7216 mL	3.6082 mL	7.2163 mL
10 mM	0.3608 mL	1.8041 mL	3.6082 mL
50 mM	0.0722 mL	0.3608 mL	0.7216 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.

Reference

Gatti D, et al. Clinical development of neridronate: potential for new applications. Ther Clin Risk Manag. 2013;9: 139-47.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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