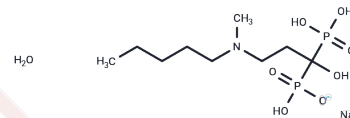


Ibandronate sodium

Chemical Properties

CAS No. :	138844-81-2
Formula:	C ₉ H ₂₂ NNaO ₇ P ₂
Molecular Weight:	341.21
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	Ibandronate sodium (Boniva) is a synthetic nitrogen-containing bisphosphonate, used for the treatment of osteoporosis.
Targets(IC50)	Apoptosis,Others,HBV,Transferase

Solubility Information

Solubility	DMSO: Insoluble, H ₂ O: 10 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	2.9307 mL	14.6537 mL	29.3075 mL
5 mM	0.5861 mL	2.9307 mL	5.8615 mL
10 mM	0.2931 mL	1.4654 mL	2.9307 mL
50 mM	0.0586 mL	0.2931 mL	0.5861 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

Dunford JE, et al. J Pharmacol Exp Ther. 2001 Feb; 296(2):235-42.

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