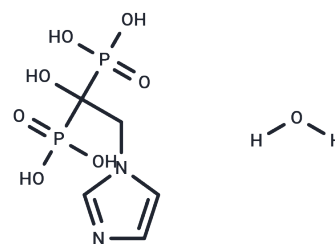


Zoledronic acid monohydrate

Chemical Properties

CAS No. : 165800-06-6
Formula: C₅H₁₂N₂O₈P₂
Molecular Weight: 290.1
Appearance: no data available
Storage: Powder: -20°C for 3 years | In solvent: -80°C for 1 year



Biological Description

Description	Zoledronic acid monohydrate (CGP 42446) is a synthetic imidazole bisphosphonate analog with anti-bone-resorption activity.
Targets(IC50)	Apoptosis,Others,Autophagy

Solubility Information

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

	1mg	5mg	10mg
1 mM	3.4471 mL	17.2354 mL	34.4709 mL
5 mM	0.6894 mL	3.4471 mL	6.8942 mL
10 mM	0.3447 mL	1.7235 mL	3.4471 mL
50 mM	0.0689 mL	0.3447 mL	0.6894 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

Albani-Campanario M , G Buendía-Díaz, Flores-Islas M , et al. [Zoledronic acid-based uveitis: a case report and a bibliography review][J]. Ginecología Y Obstetricia De México, 2012, 80(5):355-9.

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