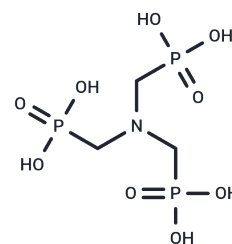


ATMP

Chemical Properties

CAS No. :	6419-19-8
Formula:	C ₃ H ₁₂ NO ₉ P ₃
Molecular Weight:	299.05
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	ATMP is a phosphonic acid with chelating properties. It is an antiscalant.
Targets(IC50)	Others,DNA Alkylator/Crosslinker

Solubility Information

Solubility	DMSO: 11 mg/mL (36.78 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	3.3439 mL	16.7196 mL	33.4392 mL
5 mM	0.6688 mL	3.3439 mL	6.6878 mL
10 mM	0.3344 mL	1.672 mL	3.3439 mL
50 mM	0.0669 mL	0.3344 mL	0.6688 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

Cui C W , Li S F , Yang H , et al. Study of corrosion inhibitors PBTA, HEDP and ATMP[J]. Cailiao Kexue yu Gongyi/Material Science and Technology, 2006, 14(6):608-611.

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