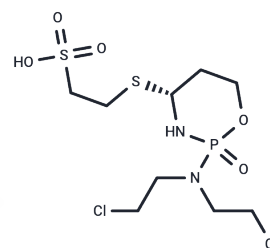


Mafosfamide

Chemical Properties

CAS No. :	88859-04-5
Formula:	C ₉ H ₁₉ Cl ₂ N ₂ O ₅ PS ₂
Molecular Weight:	401.27
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	Mafosfamide is a synthetic oxazaphosphorine derivative with antineoplastic properties. Mafosfamide alkylates DNA, forming DNA cross-links and inhibiting DNA synthesis. Although closely related to cyclophosphamide, mafosfamide, unlike cyclophosphamide, does not require hepatic activation to generate its active metabolite 4-hydroxy-cyclophosphamide; accordingly, mafosfamide is potentially useful in the intrathecal treatment of neoplastic meningitis.
Targets(IC50)	Others

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.4921 mL	12.4604 mL	24.9209 mL
5 mM	0.4984 mL	2.4921 mL	4.9842 mL
10 mM	0.2492 mL	1.246 mL	2.4921 mL
50 mM	0.0498 mL	0.2492 mL	0.4984 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.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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