Data Sheet (Cat.No.T68434)



Mafosfamide

Chemical Properties

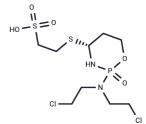
CAS No.: 88859-04-5

Formula: C9H19Cl2N2O5PS2

Molecular Weight: 401.27

Appearance: no data available

Storage: Powder: -20°C for 3 years | In solvent: -80°C for 1 year



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.

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.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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