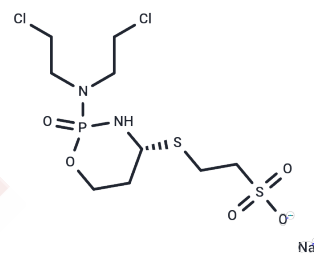


Mafosfamide sodium

Chemical Properties

CAS No. :	84211-05-2
Formula:	C ₉ H ₁₈ Cl ₂ N ₂ NaO ₅ PS ₂
Molecular Weight:	423.24
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 sodium is a synthetic oxazaphosphorine derivative with antineoplastic properties. Mafosfamide sodium alkylates DNA, forming DNA cross-links and inhibiting DNA synthesis. Although closely related to cyclophosphamide, Mafosfamide sodium, unlike cyclophosphamide, does not require hepatic activation to generate its active metabolite 4-hydroxy-cyclophosphamide; accordingly, Mafosfamide sodium is potentially useful in the intrathecal treatment of neoplastic meningitis.
Targets(IC50)	Others

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.3627 mL	11.8136 mL	23.6273 mL
5 mM	0.4725 mL	2.3627 mL	4.7255 mL
10 mM	0.2363 mL	1.1814 mL	2.3627 mL
50 mM	0.0473 mL	0.2363 mL	0.4725 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

This product is for Research Use Only · Not for Human or Veterinary or Therapeutic Use

Tel:781-999-4286 E_mail:info@targetmol.com Address:34 Washington Street,Wellesley Hills,MA 02481