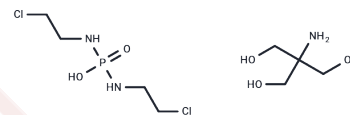


Palifosfamide tromethamine

Chemical Properties

CAS No. :	1070409-31-2
Formula:	C ₈ H ₂₂ Cl ₂ N ₃ O ₅ P
Molecular Weight:	342.16
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	Palifosfamide (tromethamine), a synthetically derived alkylating agent, exhibits potential antineoplastic properties. Acting as the stabilized active metabolite of ifosfamide, it irreversibly alkylates and crosslinks DNA at GC base pairs, inhibiting DNA replication and inducing cell death. Palifosfamide (tromethamine) boasts reduced toxicity in comparison to ifosfamide.
Targets(IC50)	Others,DNA Alkylator/Crosslinker

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.9226 mL	14.613 mL	29.2261 mL
5 mM	0.5845 mL	2.9226 mL	5.8452 mL
10 mM	0.2923 mL	1.4613 mL	2.9226 mL
50 mM	0.0585 mL	0.2923 mL	0.5845 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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