Data Sheet (Cat.No.T71500)



Palifosfamide tromethamine

Chemical Properties

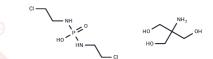
CAS No.: 1070409-31-2

Formula: C8H22Cl2N3O5P

Molecular Weight: 342.16

Appearance: no data available

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



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.

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.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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