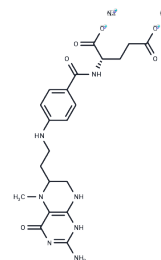


Emofolin sodium

Chemical Properties

CAS No. : 52386-42-2
 Formula: C₂₁H₂₅N₇Na₂O₆
 Molecular Weight: 517.45
 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	Emofolin sodium is the sodium salt of a synthetic antimetabolite analogue of folate with antineoplastic activity, which competes for the folate binding site of the enzyme dihydrofolate reductase, resulting in inhibition of tetrahydrofolate synthesis, depletion of nucleotide pools, and inhibition of DNA, RNA and protein synthesis.
Targets(IC50)	Others, Antifolate

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.9326 mL	9.6628 mL	19.3255 mL
5 mM	0.3865 mL	1.9326 mL	3.8651 mL
10 mM	0.1933 mL	0.9663 mL	1.9326 mL
50 mM	0.0387 mL	0.1933 mL	0.3865 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.

Reference

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