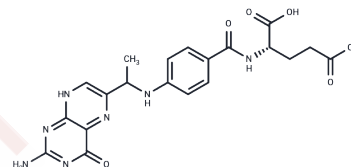


Ninopterin

Chemical Properties

CAS No. :	2179-16-0
Formula:	C ₂₀ H ₂₁ N ₇ O ₆
Molecular Weight:	455.42
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	Ninopterin is an experimental antineoplastic and folic acid analog.
Targets(IC50)	Others,Endogenous Metabolite

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.1958 mL	10.9789 mL	21.9578 mL
5 mM	0.4392 mL	2.1958 mL	4.3916 mL
10 mM	0.2196 mL	1.0979 mL	2.1958 mL
50 mM	0.0439 mL	0.2196 mL	0.4392 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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- Stokstad EL, Okinaka O, Kusano G. Experiments on the biological activities of various fractions of the folic acid antagonist "X-methyl" folic acid. Arch Biochem Biophys. 1986 Nov 15;251(1):260-5. PubMed PMID: 3789733.
- Schmidt RR, Slobodian SA, Chepenik KP, Cotler JM. Effect of a synthetic folic acid analogue, 9-methyl-pteroylglutamic acid, on fetal chondrogenesis: ultrastructural observations. Biol Neonate. 1983;43(5-6):281-6. PubMed PMID: 6871296.

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