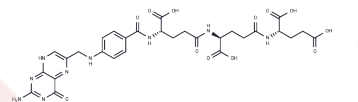


Pteropterin monohydrate

Chemical Properties

CAS No. :	6164-84-7
Formula:	C29H35N9O13
Molecular Weight:	717.64
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	Pteropterin monohydrate is an antineoplastic agent.
Targets(IC50)	Others, Drug Metabolite

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.3935 mL	6.9673 mL	13.9346 mL
5 mM	0.2787 mL	1.3935 mL	2.7869 mL
10 mM	0.1393 mL	0.6967 mL	1.3935 mL
50 mM	0.0279 mL	0.1393 mL	0.2787 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

- Steensma DP, Shampo MA, Kyle RA. George Herman "Babe" Ruth Jr: baseball star and early participant in a cancer clinical trial. *Mayo Clin Proc.* 2008 Nov;83(11):1262. PubMed PMID: 19004136.
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- Hendel L, Hendel J, Joergensen I. Enterocyte function in progressive systemic sclerosis as estimated by the deconjugation of pteroyltriglutamate to folic acid. *Gut.* 1987 Apr;28(4):435-8. PubMed PMID: 3583071; PubMed Central PMCID: PMC1432807.
- Reisenauer AM, Chandler CJ, Halsted CH. Folate binding and hydrolysis by pig intestinal brush-border membranes. *Am J Physiol.* 1986 Oct;251(4 Pt 1):G481-6. PubMed PMID: 3766733.

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