

Pteropterin

Chemical Properties

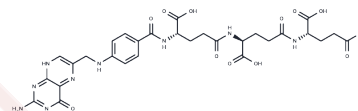
CAS No. : 89-38-3

Formula: C₂₉H₃₃N₉O₁₂

Molecular Weight: 699.63

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 is an antineoplastic agent.
Targets(IC50)	Others, Drug Metabolite

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.4293 mL	7.1466 mL	14.2933 mL
5 mM	0.2859 mL	1.4293 mL	2.8587 mL
10 mM	0.1429 mL	0.7147 mL	1.4293 mL
50 mM	0.0286 mL	0.1429 mL	0.2859 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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Laryngoscope. 1999 Jan;109(1):1-3. PubMed PMID: 9917030.

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.

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