

PTEROIC ACID

Chemical Properties

CAS No. : 119-24-4

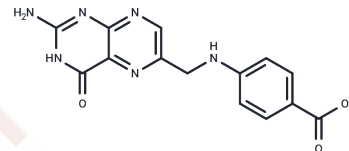
Formula: C₁₄H₁₂N₆O₃

Molecular Weight: 312.28

Storage: Keep away from direct sunlight, Keep away from moisture

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	Pteric acid is part of the structure of folic acid
Targets(IC50)	Others

Solubility Information

Solubility	H ₂ O: Insoluble, DMSO: 3.13 mg/mL (10.02 mM), Sonication is recommended. 0.5 M NaOH: 61.88 mg/mL (198.16 mM), Sonication is recommended. (< 1 mg/ml refers to the product slightly soluble or insoluble)
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Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	3.2023 mL	16.0113 mL	32.0225 mL
5 mM	0.6405 mL	3.2023 mL	6.4045 mL
10 mM	0.3202 mL	1.6011 mL	3.2023 mL
50 mM	0.064 mL	0.3202 mL	0.6405 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

Ke C Y , Mathias C J , Green M A . Targeting the Tumor-Associated Folate Receptor with an 111 InDTPA Conjugate of Pteric Acid[J]. Journal of the American Chemical Society, 2005, 127(20):7421-7426.

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