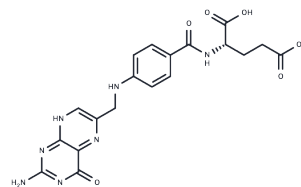


Folate sodium

Chemical Properties

CAS No. : 6484-89-5
 Formula: C₁₉H₁₈N₇NaO₆
 Molecular Weight: 463.38
 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	Folate sodium, as a member of the vitamin B family, can stimulate the hematopoietic system. Folic acid can be used in the treatment and prevention of folate deficiencies and megaloblastic anemia.
Targets(IC50)	Endogenous Metabolite,DNA/RNA Synthesis

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.1581 mL	10.7903 mL	21.5806 mL
5 mM	0.4316 mL	2.1581 mL	4.3161 mL
10 mM	0.2158 mL	1.079 mL	2.1581 mL
50 mM	0.0432 mL	0.2158 mL	0.4316 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

Kostić S, Mićović Ž, Andrejević L, Cvetković S, Stamenković A, Stanković S, Obrenović R, Labudović-Borović M, Hrnčić D, Jakovljević V, Djurić D. The effects of L-cysteine and N-acetyl-L-cysteine on homocysteine metabolism and haemostatic markers, and on cardiac and aortic histology in subchronically methionine-treated Wistar male rats. *Mol Cell Biochem.* 2018 Jun 23. doi: 10.1007/s11010-018-3391-z. [Epub ahead of print] PubMed PMID: 29936684.

Bailey RL, Catellier DJ, Jun S, Dwyer JT, Jacquier EF, Anater AS, Eldridge AL. Total Usual Nutrient Intakes of US Children (Under 48 Months): Findings from the Feeding Infants and Toddlers Study (FITS) 2016. *J Nutr.* 2018 Jun 5. doi: 10.1093/jn/nxy042. [Epub ahead of print] PubMed PMID: 29878255.

Papanikolaou Y, Fulgoni VL 3rd. Egg Consumption in Infants is Associated with Longer Recumbent Length and Greater Intake of Several Nutrients Essential in Growth and Development. *Nutrients.* 2018 Jun 4;10(6). pii: E719. doi: 10.3390/nu10060719. PubMed PMID: 29867006.

Papanikolaou Y, Fulgoni VL. Grains Contribute Shortfall Nutrients and Nutrient Density to Older US Adults: Data from the National Health and Nutrition Examination Survey, 2011~2014. *Nutrients.* 2018 Apr 25;10(5). pii: E534. doi: 10.3390/nu10050534. PubMed PMID: 29693633; PubMed Central PMCID: PMC5986414.

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