

Folinic acid calcium

Chemical Properties

CAS No. : 1492-18-8

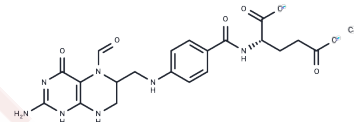
Formula: C₂₀H₂₁CaN₇O₇

Molecular Weight: 511.51

Keep away from direct sunlight

Storage: Powder: -20°C for 3 years

Actual storage temperature shall be subject to the COA.



Biological Description

Description	Folinic acid calcium (Leucovorin Calcium) is the active metabolite of folic acid. Leucovorin is used principally as an antidote to folic acid antagonists.
Targets(IC50)	Endogenous Metabolite,Antifolate,DNA/RNA Synthesis

Solubility Information

Solubility	H ₂ O: 9.8 mg/mL (19.16 mM),Sonication is recommended. DMSO: Insoluble, (< 1 mg/ml refers to the product slightly soluble or insoluble)
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Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.955 mL	9.775 mL	19.550 mL
5 mM	0.391 mL	1.955 mL	3.910 mL
10 mM	0.1955 mL	0.9775 mL	1.955 mL
50 mM	0.0391 mL	0.1955 mL	0.391 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

Aschele C, et al. Ann Oncol. 2002 Dec; 13(12):1882-92.

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