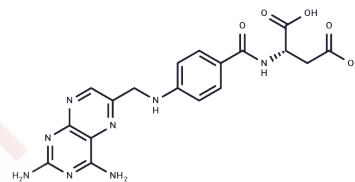


Aminoanfol

Chemical Properties

CAS No. :	25312-31-6
Formula:	C ₁₈ H ₁₈ N ₈ O ₅
Molecular Weight:	426.39
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	Aminoanfol is an antifolic acid agent.
Targets(IC50)	Others,Antibacterial,Antibiotic

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.3453 mL	11.7264 mL	23.4527 mL
5 mM	0.4691 mL	2.3453 mL	4.6905 mL
10 mM	0.2345 mL	1.1726 mL	2.3453 mL
50 mM	0.0469 mL	0.2345 mL	0.4691 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

SAWITSKY A, RITZ ND, JACOBSON J, MEYER LM, SCHWARTZ SO, KRIM M, BOCK G, BRAHIN CM. Treatment of acute leukemia with anti-folic acid compounds (aminopterin and aminoanfol). Cancer. 1952 Mar;5(2):344-53. PubMed PMID: 14905421.

THIERSCH JB. Bone-marrow changes in man after treatment with aminopterin, amethopterin, and aminoanfol; with special reference to megaloblastosis and tumor remission. Cancer. 1949 Sep;2(5):877-83. PubMed PMID: 18136926.

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