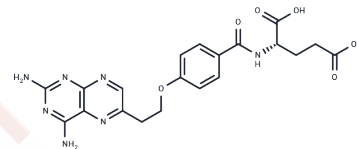


11-Oxahomoaminopterin

Chemical Properties

CAS No. :	78520-72-6
Formula:	C ₂₀ H ₂₁ N ₇ O ₆
Molecular Weight:	455.42
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	11-Oxahomoaminopterin exhibits antifolate activity against two folate-requiring microorganisms and inhibited Lactobacillus casei DHFR.
Targets(IC50)	Others,Antifolate

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.1958 mL	10.9789 mL	21.9578 mL
5 mM	0.4392 mL	2.1958 mL	4.3916 mL
10 mM	0.2196 mL	1.0979 mL	2.1958 mL
50 mM	0.0439 mL	0.2196 mL	0.4392 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

Nair MG, Bridges TW, Henkel TJ, Kisliuk RL, Gaumont Y, Sirotnak FM. Folate analogues altered in the C9-N10 bridge region. 18. Synthesis and antitumor evaluation of 11-oxahomoaminopterin and related compounds. J Med Chem. 1981 Sep;24(9):1068-73. PubMed PMID: 6793726.

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Tel:781-999-4286 E_mail:info@targetmol.com Address:34 Washington Street,Wellesley Hills,MA 02481