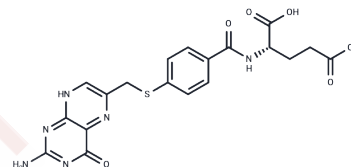


10-Thiofolic acid

Chemical Properties

CAS No. :	54931-98-5
Formula:	C ₁₉ H ₁₈ N ₆ O ₆ S
Molecular Weight:	458.45
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	10-Thiofolic acid is a potential antibacterial, antineoplastic.
Targets(IC50)	Others,Antibacterial

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.1813 mL	10.9063 mL	21.8126 mL
5 mM	0.4363 mL	2.1813 mL	4.3625 mL
10 mM	0.2181 mL	1.0906 mL	2.1813 mL
50 mM	0.0436 mL	0.2181 mL	0.4363 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, Campbell PT, Baugh CM. Synthesis of 10-thiofolic acid. A potential antibacterial and antitumor agent. J Org Chem. 1975 Jun 13;40(12):1745-8. PubMed PMID: 1133602.

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