

5-Deazaisofolic acid

Chemical Properties

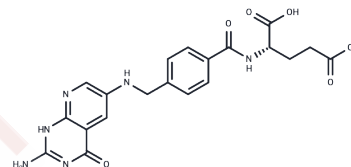
CAS No. : 130327-67-2

Formula: C₂₀H₂₀N₆O₆

Molecular Weight: 440.41

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	5-Deazaisofolic acid shows potent antitumor activity.
Targets(IC50)	Others

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.2706 mL	11.3531 mL	22.7061 mL
5 mM	0.4541 mL	2.2706 mL	4.5412 mL
10 mM	0.2271 mL	1.1353 mL	2.2706 mL
50 mM	0.0454 mL	0.2271 mL	0.4541 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

Singh SK, Dev IK, Duch DS, Ferone R, Smith GK, Freisheim JH, Hynes JB. Synthesis and biological evaluation of 5-deazaisofolic acid, 5-deaza-5,6,7,8-tetrahydroisofolic acid, and their N9-substituted analogues. J Med Chem. 1991 Feb;34(2):606-10. PubMed PMID: 1995883.

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