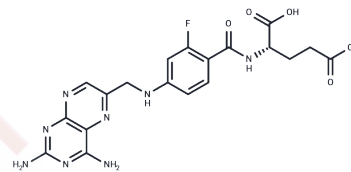


2'-Fluoroaminopterin

Chemical Properties

CAS No. : 85803-29-8
 Formula: C₁₉H₁₉N₈O₅
 Molecular Weight: 458.4
 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	2'-Fluoroaminopterin is a folic acid antagonist agent.
Targets(IC50)	Others

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.1815 mL	10.9075 mL	21.815 mL
5 mM	0.4363 mL	2.1815 mL	4.363 mL
10 mM	0.2182 mL	1.0908 mL	2.1815 mL
50 mM	0.0436 mL	0.2182 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

Henkin J, Washtien WL. Novel fluorinated antifolates. Enzyme inhibition and cytotoxicity studies on 2'- and 3'-fluoroaminopterin. J Med Chem. 1983 Aug;26(8):1193-6. PubMed PMID: 6410066.

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