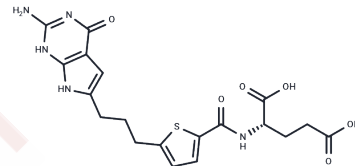


Antifolate C1

Chemical Properties

CAS No. :	136784-51-5
Formula:	C ₁₉ H ₂₁ N ₅ O ₆ S
Molecular Weight:	447.46
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	Antifolate C1 is an inhibitor of de novo purine biosynthesis. Antifolate C1 has selectivity for cellular uptake by high affinity folate receptors and the proton-coupled folate transporter (PCFT) over the reduced folate carrier (RFC).
Targets(IC50)	Others,Antifolate

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.2348 mL	11.1742 mL	22.3484 mL
5 mM	0.447 mL	2.2348 mL	4.4697 mL
10 mM	0.2235 mL	1.1174 mL	2.2348 mL
50 mM	0.0447 mL	0.2235 mL	0.447 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

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