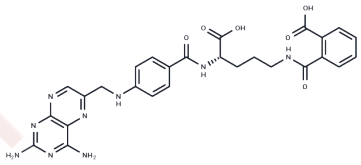
Data Sheet (Cat.No.T73085)

TargetMol

Talotrexin

Chemical Properties



CAS No. : 113857-87-7

Formula: C27H27N9O6

Molecular Weight: 573.56

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	Talotrexin (PT523), an analog of Aminopterin, is a nonpolyglutamatable classic antifolate that specifically inhibits the reduced folate carrier (RFC), selectively impeding RFC transport and targeting dihydrofolate reductase (DHFR) to demonstrate antitumor activity and inhibit tumor growth [1] [2].
Targets(IC50)	Others,Antifolate,DHFR

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.7435 mL	8.7175 mL	17.435 mL
5 mM	0.3487 mL	1.7435 mL	3.487 mL
10 mM	0.1743 mL	0.8717 mL	1.7435 mL
50 mM	0.0349 mL	0.1743 mL	0.3487 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.

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