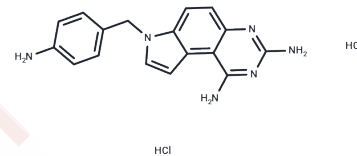


NSC309401 dihydrochloride

Chemical Properties

CAS No. :	77681-42-6
Formula:	C ₁₇ H ₁₈ Cl ₂ N ₆
Molecular Weight:	377.27
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	NSC309401 is an E. coli dihydrofolate reductase inhibitor with an IC ₅₀ value of 189 nM and a dissociation constant (K _d) of 14.57 nM [1].
Targets(IC ₅₀)	Others,Antibacterial

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.6506 mL	13.2531 mL	26.5062 mL
5 mM	0.5301 mL	2.6506 mL	5.3012 mL
10 mM	0.2651 mL	1.3253 mL	2.6506 mL
50 mM	0.053 mL	0.2651 mL	0.5301 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.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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