

Confidential-2

Chemical Properties

CAS No. :

Formula: C₂₀H₂₅N₅O₈

Molecular Weight: 463.44

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	Confidential-2, a purine nucleoside analog, exhibits broad antitumor activity, particularly against indolent lymphoid malignancies. Its anticancer effects are achieved through mechanisms such as DNA synthesis inhibition and the induction of apoptosis [1].
Targets(IC50)	Nucleoside Antimetabolite/Analog,Others

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.1578 mL	10.7889 mL	21.5778 mL
5 mM	0.4316 mL	2.1578 mL	4.3156 mL
10 mM	0.2158 mL	1.0789 mL	2.1578 mL
50 mM	0.0432 mL	0.2158 mL	0.4316 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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