

5'-O-(4,4'-Dimethoxy trityl)-2'-O-(2-methoxyethyl) inosine

Chemical Properties

CAS No. :

Formula: C₃₄H₃₆N₄O₈

Molecular Weight: 628.67

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	5'-O-(4,4'-Dimethoxytrityl)-2'-O-(2-methoxyethyl)inosine is a purine nucleoside analog with broad antitumor activity, primarily targeting indolent lymphoid malignancies. The anticancer mechanisms of action include inhibition of DNA synthesis and induction of apoptosis, among others [1].
Targets(IC50)	Nucleoside Antimetabolite/Analog,Others

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.5907 mL	7.9533 mL	15.9066 mL
5 mM	0.3181 mL	1.5907 mL	3.1813 mL
10 mM	0.1591 mL	0.7953 mL	1.5907 mL
50 mM	0.0318 mL	0.1591 mL	0.3181 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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