

3'-O-(2-Methoxyethyl) inosine

Chemical Properties

CAS No. :

Formula: C₁₃H₁₈N₄O₆

Molecular Weight: 326.31

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	3'-O-(2-Methoxyethyl)inosine is a purine nucleoside analog known for its broad antitumor activity, particularly against indolent lymphoid malignancies. Its anticancer mechanisms include inhibition of DNA synthesis and the induction of apoptosis, among others [1].
Targets(IC50)	Nucleoside Antimetabolite/Analog,Others

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	3.0646 mL	15.3229 mL	30.6457 mL
5 mM	0.6129 mL	3.0646 mL	6.1291 mL
10 mM	0.3065 mL	1.5323 mL	3.0646 mL
50 mM	0.0613 mL	0.3065 mL	0.6129 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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