

N1-Methyl-2'-O-(2-methoxyethyl) guanosine

Chemical Properties

CAS No. :

Formula: C₁₄H₂₁N₅O₆

Molecular Weight: 355.35

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	N1-Methyl-2'-O-(2-methoxyethyl) guanosine, a purine nucleoside analog, exhibits broad antitumor activity against indolent lymphoid malignancies, primarily through the inhibition of DNA synthesis and the induction of apoptosis, among other mechanisms [1].
Targets(IC50)	Nucleoside Antimetabolite/Analog,Others

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.8141 mL	14.0706 mL	28.1413 mL
5 mM	0.5628 mL	2.8141 mL	5.6283 mL
10 mM	0.2814 mL	1.4071 mL	2.8141 mL
50 mM	0.0563 mL	0.2814 mL	0.5628 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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