

N6-Methyl-2'-beta-C-ethynyl adenosine

Chemical Properties

CAS No. :

Formula: C₁₃H₁₅N₅O₄

Molecular Weight: 305.29

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	N6-Methyl-2'-beta-C-ethynyl adenosine is a purine nucleoside analog with broad antitumor activity targeting indolent lymphoid malignancies. Its anticancer mechanisms involve inhibition of DNA synthesis, induction of apoptosis, etc. [1].
Targets(IC50)	Nucleoside Antimetabolite/Analog,Others

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	3.2756 mL	16.3779 mL	32.7557 mL
5 mM	0.6551 mL	3.2756 mL	6.5511 mL
10 mM	0.3276 mL	1.6378 mL	3.2756 mL
50 mM	0.0655 mL	0.3276 mL	0.6551 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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