

N1-Methyl-2'-beta-C-methyl inosine

Chemical Properties

CAS No. :

Formula: C₁₂H₁₆N₄O₅

Molecular Weight: 296.28

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'-beta-C-methyl inosine, a purine nucleoside analog, exhibits broad antitumor activity against indolent lymphoid malignancies by inhibiting DNA synthesis and inducing apoptosis, among other mechanisms [1].
Targets(IC50)	Nucleoside Antimetabolite/Analog,Others

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	3.3752 mL	16.8759 mL	33.7519 mL
5 mM	0.675 mL	3.3752 mL	6.7504 mL
10 mM	0.3375 mL	1.6876 mL	3.3752 mL
50 mM	0.0675 mL	0.3375 mL	0.675 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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Tel:781-999-4286 E_mail:info@targetmol.com Address:34 Washington Street,Wellesley Hills,MA 02481