

8-Chloro-2'-O-methyl inosine

Chemical Properties

CAS No. :

Formula: C₁₁H₁₃ClN₄O₅

Molecular Weight: 316.7

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	8-Chloro-2'-O-methyl inosine, a purine nucleoside analog, exhibits broad antitumor activity against indolent lymphoid malignancies, with anticancer mechanisms including DNA synthesis inhibition and apoptosis induction, among others [1].
Targets(IC50)	Nucleoside Antimetabolite/Analog,Others

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	3.1576 mL	15.7878 mL	31.5756 mL
5 mM	0.6315 mL	3.1576 mL	6.3151 mL
10 mM	0.3158 mL	1.5788 mL	3.1576 mL
50 mM	0.0632 mL	0.3158 mL	0.6315 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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