

## N1-(2-Methyl)propyl pseudouridine

## Chemical Properties

CAS No. :

Formula: C13H20N2O6

Molecular Weight: 300.31

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	N1-(2-Methyl)propyl pseudouridine, a purine nucleoside analogue, exhibits broad antitumor activity, particularly against indolent lymphoid malignancies. Its anticancer mechanisms include DNA synthesis inhibition and apoptosis induction, among others [1].
Targets(IC50)	Nucleoside Antimetabolite/Analog,Others

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	3.3299 mL	16.6495 mL	33.2989 mL
5 mM	0.666 mL	3.3299 mL	6.6598 mL
10 mM	0.333 mL	1.6649 mL	3.3299 mL
50 mM	0.0666 mL	0.333 mL	0.666 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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