

## N1-Methylsulfonyl pseudouridine

## Chemical Properties

CAS No. :

Formula: C10H14N2O8S

Molecular Weight: 322.29

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

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	3.1028 mL	15.514 mL	31.028 mL
5 mM	0.6206 mL	3.1028 mL	6.2056 mL
10 mM	0.3103 mL	1.5514 mL	3.1028 mL
50 mM	0.0621 mL	0.3103 mL	0.6206 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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Tel:781-999-4286

E\_mail:info@targetmol.com

Address:34 Washington Street,Wellesley Hills,MA 02481