

## N3,5-Dimethyl-2'-O-(2-methoxyethyl) uridine

## Chemical Properties

CAS No. :

Formula: C<sub>14</sub>H<sub>22</sub>N<sub>2</sub>O<sub>7</sub>

Molecular Weight: 330.33

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	N3,5-Dimethyl-2'-O-(2-methoxyethyl) uridine, a purine nucleoside analog, exhibits broad antitumor activity, particularly against indolent lymphoid malignancies. Its anticancer mechanisms include inhibition of DNA synthesis and induction of apoptosis, among others [1].
Targets(IC50)	Nucleoside Antimetabolite/Analog,Others

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	3.0273 mL	15.1364 mL	30.2728 mL
5 mM	0.6055 mL	3.0273 mL	6.0546 mL
10 mM	0.3027 mL	1.5136 mL	3.0273 mL
50 mM	0.0605 mL	0.3027 mL	0.6055 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**

This product is for Research Use Only · Not for Human or Veterinary or Therapeutic Use

Tel:781-999-4286 E\_mail:info@targetmol.com Address:34 Washington Street,Wellesley Hills,MA 02481