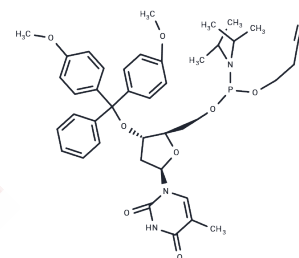


## 3'-O-DMTr-thymidine 5'-CE phosphoramidite

### Chemical Properties

CAS No. : 134031-86-0  
 Formula: C40H49N4O8P  
 Molecular Weight: 744.81  
 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	3'-O-DMTr-thymidine 5'-CE phosphoramidite (2'-OMe-U Phosphoramidite) is a purine nucleoside analog and phosphoramidite derivative that can be used in biochemical experiments.
Targets(IC50)	Nucleoside Antimetabolite/Analog

### Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.3426 mL	6.7131 mL	13.4262 mL
5 mM	0.2685 mL	1.3426 mL	2.6852 mL
10 mM	0.1343 mL	0.6713 mL	1.3426 mL
50 mM	0.0269 mL	0.1343 mL	0.2685 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.

### Reference

Robak T, Robak P. Purine nucleoside analogs in the treatment of rarer chronic lymphoid leukemias. *Curr Pharm Des.* 2012;18(23):3373-88.

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