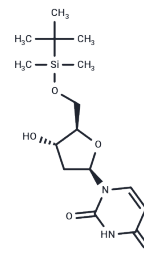


5'-O-TBDMS-dU

Chemical Properties

CAS No. :	76223-04-6
Formula:	C ₁₅ H ₂₆ N ₂ O ₅ Si
Molecular Weight:	342.467
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	5'-O-TBDMS-dU is used in the synthesis of oligoribonucleotides.
Targets(IC50)	Nucleoside Antimetabolite/Analog,Others,DNA/RNA Synthesis

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.920 mL	14.5998 mL	29.1996 mL
5 mM	0.584 mL	2.920 mL	5.8399 mL
10 mM	0.292 mL	1.460 mL	2.920 mL
50 mM	0.0584 mL	0.292 mL	0.584 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

Moharram S, et, al. Design and synthesis of 3'- and 5'-O-(3-benzenesulfonylfuroxan-4-yl)-2'-deoxyuridines: biological evaluation as hybrid nitric oxide donor-nucleoside anticancer agents. J Med Chem. 2004 Mar 25;47(7): 1840-6.

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