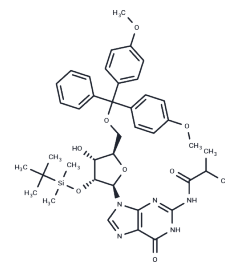


5'-O-DMT-2'-O-iBu-N-Bz-Guanosine

Chemical Properties

CAS No. :	81279-39-2
Formula:	C ₄₁ H ₅₁ N ₅ O ₈ Si
Molecular Weight:	769.96
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-DMT-2'-O-iBu-N-Bz-Guanosine can be used for the silyl protection of ribonucleosides.
Targets(IC50)	Nucleoside Antimetabolite/Analog,Others

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.2988 mL	6.4938 mL	12.9877 mL
5 mM	0.2598 mL	1.2988 mL	2.5975 mL
10 mM	0.1299 mL	0.6494 mL	1.2988 mL
50 mM	0.026 mL	0.1299 mL	0.2598 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

Thomas P Blaisdell, et al. Practical silyl protection of ribonucleosides. Org Lett. 2013 Sep 20;15(18):4710-3.

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