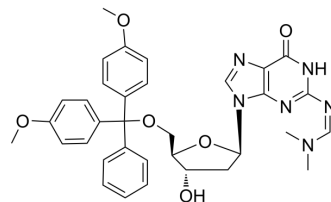


5'-O-DMT-N2-DMF-dG

Cat. No.:	HY-138607
CAS No.:	40094-22-2
Molecular Formula:	C ₃₄ H ₃₆ N ₆ O ₆
Molecular Weight:	624.69
Target:	DNA/RNA Synthesis; Nucleoside Antimetabolite/Analog
Pathway:	Cell Cycle/DNA Damage
Storage:	4°C, sealed storage, away from moisture and light * In solvent : -80°C, 6 months; -20°C, 1 month (sealed storage, away from moisture and light)



SOLVENT & SOLUBILITY

In Vitro

DMSO : 100 mg/mL (160.08 mM; Need ultrasonic)

Concentration	Solvent	Mass		
		1 mg	5 mg	10 mg
Preparing Stock Solutions	1 mM	1.6008 mL	8.0040 mL	16.0079 mL
	5 mM	0.3202 mL	1.6008 mL	3.2016 mL
	10 mM	0.1601 mL	0.8004 mL	1.6008 mL

Please refer to the solubility information to select the appropriate solvent.

BIOLOGICAL ACTIVITY

Description

5'-O-DMT-2'-O-TBDMS-ri is a modified nucleoside. 5'-O-DMT-2'-O-TBDMS-ri can be used in the synthesis of deoxyribonucleic acid or nucleic acid.

Caution: Product has not been fully validated for medical applications. For research use only.

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