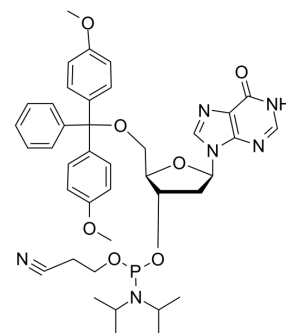


DMT-di Phosphoramidite

Cat. No.:	HY-137576
CAS No.:	141684-35-7
Molecular Formula:	C ₄₀ H ₄₇ N ₆ O ₇ P
Molecular Weight:	754.81
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 : 125 mg/mL (165.60 mM; Need ultrasonic)

Concentration	Solvent	Mass		
		1 mg	5 mg	10 mg
Preparing Stock Solutions	1 mM	1.3248 mL	6.6242 mL	13.2484 mL
	5 mM	0.2650 mL	1.3248 mL	2.6497 mL
	10 mM	0.1325 mL	0.6624 mL	1.3248 mL

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

BIOLOGICAL ACTIVITY

Description

Phosphoramidite is a modified phosphoramidite monomer used for the oligonucleotide synthesis.

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

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