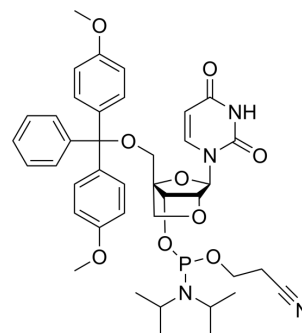


DMTr-LNA-U-3-CED-Phosphora

Cat. No.:	HY-W570892
CAS No.:	206055-76-7
Molecular Formula:	C ₄₀ H ₄₇ N ₄ O ₉ P
Molecular Weight:	758.8
Target:	DNA/RNA Synthesis
Pathway:	Cell Cycle/DNA Damage
Storage:	4°C, stored under nitrogen * In solvent : -80°C, 6 months; -20°C, 1 month (stored under nitrogen)



SOLVENT & SOLUBILITY

In Vitro	DMSO : 50 mg/mL (65.89 mM; Need ultrasonic)				
		Solvent Concentration	Mass		
	Preparing Stock Solutions		1 mg	5 mg	10 mg
		1 mM	1.3179 mL	6.5894 mL	13.1787 mL
		5 mM	0.2636 mL	1.3179 mL	2.6357 mL
	10 mM	0.1318 mL	0.6589 mL	1.3179 mL	
Please refer to the solubility information to select the appropriate solvent.					
In Vivo	1. Add each solvent one by one: 10% DMSO >> 40% PEG300 >> 5% Tween-80 >> 45% saline Solubility: ≥ 2.5 mg/mL (3.29 mM); Clear solution				
	2. Add each solvent one by one: 10% DMSO >> 90% corn oil Solubility: ≥ 2.5 mg/mL (3.29 mM); Clear solution				

BIOLOGICAL ACTIVITY

Description	DMTr-LNA-U-3-CED-phosphora is a phosphorite monomer that can be used in the synthesis of oligonucleotides.
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Caution: Product has not been fully validated for medical applications. For research use only.

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