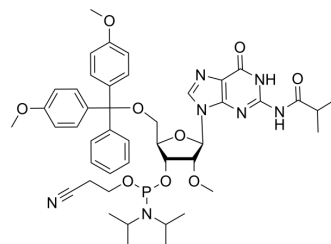


2'-OMe-G(ibu) Phosphoramidite

Cat. No.:	HY-138579
CAS No.:	150780-67-9
Molecular Formula:	C ₄₅ H ₅₆ N ₇ O ₉ P
Molecular Weight:	869.94
Target:	DNA/RNA Synthesis; Nucleoside Antimetabolite/Analog
Pathway:	Cell Cycle/DNA Damage
Storage:	4°C, protect from light * In solvent : -80°C, 6 months; -20°C, 1 month (protect from light)



SOLVENT & SOLUBILITY

In Vitro	DMSO : 100 mg/mL (114.95 mM; Need ultrasonic)						
	Preparing Stock Solutions	Solvent Concentration	Mass	1 mg	5 mg	10 mg	
				1 mM	1.1495 mL	5.7475 mL	11.4950 mL
				5 mM	0.2299 mL	1.1495 mL	2.2990 mL
				10 mM	0.1150 mL	0.5748 mL	1.1495 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 (2.87 mM); Clear solution						
	2. Add each solvent one by one: 10% DMSO >> 90% corn oil Solubility: ≥ 2.5 mg/mL (2.87 mM); Clear solution						

BIOLOGICAL ACTIVITY

Description	2'-OMe-G(ibu) Phosphoramidite is a modified phosphoramidite monomer, which can be used for the oligonucleotide synthesis.
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Caution: Product has not been fully validated for medical applications. For research use only.

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