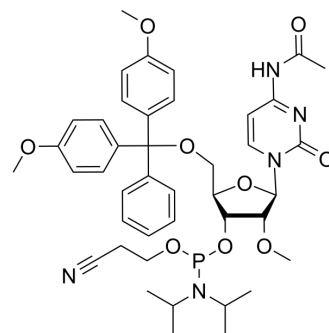


## 2'-OMe-Ac-C Phosphoramidite

Cat. No.:	HY-21648
CAS No.:	199593-09-4
Molecular Formula:	C <sub>42</sub> H <sub>52</sub> N <sub>5</sub> O <sub>9</sub> P
Molecular Weight:	801.86
Target:	DNA/RNA Synthesis
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 (124.71 mM; Need ultrasonic)					
	Preparing Stock Solutions	Solvent Concentration	Mass	1 mg	5 mg	10 mg
			1 mM	1.2471 mL	6.2355 mL	12.4710 mL
			5 mM	0.2494 mL	1.2471 mL	2.4942 mL
			10 mM	0.1247 mL	0.6236 mL	1.2471 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 (3.12 mM); Clear solution					
	2. Add each solvent one by one: 10% DMSO >> 90% (20% SBE-β-CD in saline) Solubility: 2.5 mg/mL (3.12 mM); Suspended solution; Need ultrasonic					
	3. Add each solvent one by one: 10% DMSO >> 90% corn oil Solubility: ≥ 2.5 mg/mL (3.12 mM); Clear solution					

### BIOLOGICAL ACTIVITY

Description	2'-OMe-Ac-C Phosphoramidite is a modified phosphoramidite and 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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