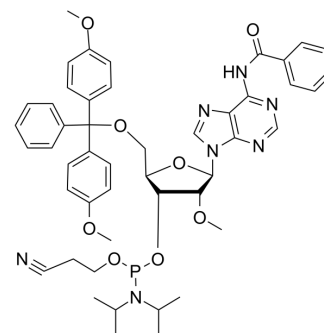


## 2'-OMe-A(Bz) Phosphoramidite

Cat. No.:	HY-138580
CAS No.:	110782-31-5
Molecular Formula:	C <sub>48</sub> H <sub>54</sub> N <sub>7</sub> O <sub>8</sub> P
Molecular Weight:	887.96
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 (112.62 mM; Need ultrasonic)					
		Solvent Concentration	Mass			
	Preparing Stock Solutions			1 mg	5 mg	10 mg
		1 mM		1.1262 mL	5.6309 mL	11.2618 mL
		5 mM		0.2252 mL	1.1262 mL	2.2524 mL
10 mM		0.1126 mL	0.5631 mL	1.1262 mL		
Please refer to the solubility information to select the appropriate solvent.						
In Vivo	1. Add each solvent one by one: 10% DMSO >> 90% corn oil Solubility: ≥ 2.5 mg/mL (2.82 mM); Clear solution					

### BIOLOGICAL ACTIVITY

Description	2'-OMe-A(Bz) 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.**

Tel: 609-228-6898

Fax: 609-228-5909

E-mail: tech@MedChemExpress.com

Address: 1 Deer Park Dr, Suite Q, Monmouth Junction, NJ 08852, USA