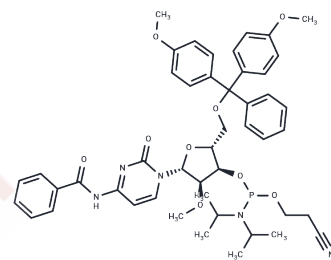


## 2'-O-Me-C(Bz) Phosphoramidite

## Chemical Properties

CAS No. :	110764-78-8
Formula:	C <sub>47</sub> H <sub>54</sub> N <sub>5</sub> O <sub>9</sub> P
Molecular Weight:	863.93
Storage:	Powder: -20°C for 3 years   In solvent: -80°C for 1 year Actual storage temperature shall be subject to the COA.



## Biological Description

Description	2'-O-Me-C(Bz) Phosphoramidite is a modified phosphoramidite monomer utilized in oligonucleotide synthesis.
Targets(IC50)	Nucleoside Antimetabolite/Analog,Others,DNA/RNA Synthesis

## Solubility Information

Solubility	DMSO: 100 mg/mL (115.75 mM),Sonication is recommended. (< 1 mg/ml refers to the product slightly soluble or insoluble)
In vivo Formulation	10% DMSO+40% PEG300+5% Tween-80+45% Saline: 3.3 mg/mL (3.82 mM),Sonication is recommended. <i>Please add the solvents sequentially, clarifying the solution as much as possible before adding the next one. Dissolve by heating and/or sonication if necessary. Working solution is recommended to be prepared and used immediately. The formulation provided above is for reference purposes only. In vivo formulations may vary and should be modified based on specific experimental conditions.</i>

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.1575 mL	5.7875 mL	11.575 mL
5 mM	0.2315 mL	1.1575 mL	2.315 mL
10 mM	0.1158 mL	0.5788 mL	1.1575 mL
50 mM	0.0232 mL	0.1158 mL	0.2315 mL

Please select the appropriate solvent to prepare the stock solution, according to the solubility of the product in different solvents. Please use it as soon as possible.

Note: The dilution table applies only to solid products. For liquid products, please calculate the stock solution based on the stated concentration and/or density.

**Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins**

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