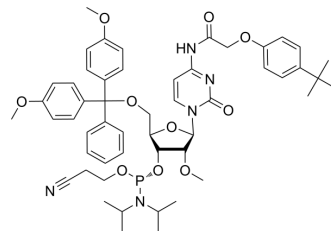


## DMT-2'O-Methyl-rC(tac) phosphoramidite

**Cat. No.:** HY-21713  
**CAS No.:** 179486-26-1  
**Molecular Formula:** C<sub>52</sub>H<sub>64</sub>N<sub>5</sub>O<sub>10</sub>P  
**Molecular Weight:** 950.07  
**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 : 100 mg/mL (105.26 mM; Need ultrasonic)

Solvent	Mass	Concentration		
		1 mg	5 mg	10 mg
Preparing Stock Solutions	1 mM	1.0526 mL	5.2628 mL	10.5255 mL
	5 mM	0.2105 mL	1.0526 mL	2.1051 mL
	10 mM	0.1053 mL	0.5263 mL	1.0526 mL

Please refer to the solubility information to select the appropriate solvent.

### BIOLOGICAL ACTIVITY

#### Description

DMT-2'O-Methyl-rC(tac) Phosphoramidite is a phosphoramidite that can be used in the synthesis of oligonucleotides.

**Caution: Product has not been fully validated for medical applications. For research use only.**

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