

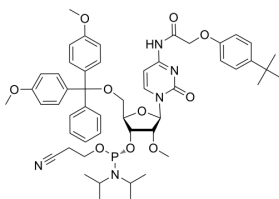
## DMT-2'O-Methyl-rC(tac) Phosphoramidite

Cat. No.: HY-21713  
CAS No.: 179486-26-1  
Batch No.: 25566  
Chemical Name: Cytidine, 5'-O-[bis(4-methoxyphenyl)phenylmethyl]-N-[[4-(1,1-dimethylethyl)phenoxy]acetyl]-2'-O-methyl-, 3'-[2-cyanoethyl bis(1-methylethyl)phosphoramidite], (R)-

### PHYSICAL AND CHEMICAL PROPERTIES

Molecular Formula: C<sub>52</sub>H<sub>64</sub>N<sub>5</sub>O<sub>10</sub>P  
Molecular Weight: 950.07  
Storage: 4°C, stored under nitrogen  
\* In solvent : -80°C, 6 months; -20°C, 1 month (stored under nitrogen)

### Chemical Structure:



### ANALYTICAL DATA

Appearance: White to off-white (Solid)  
<sup>1</sup>H NMR Spectrum: Consistent with structure  
Purity (NMR): ≥98.0%  
Conclusion: The product has been tested and complies with the given specifications.

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

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