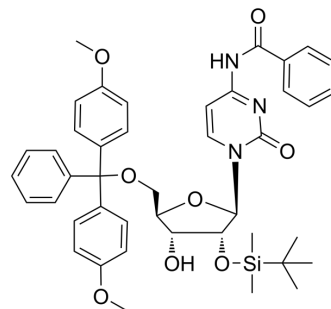


## 5'-O-DMT-2'-O-TBDMS-Bz-rC

<b>Cat. No.:</b>	HY-138611
<b>CAS No.:</b>	81256-87-3
<b>Molecular Formula:</b>	C <sub>43</sub> H <sub>49</sub> N <sub>3</sub> O <sub>8</sub> Si
<b>Molecular Weight:</b>	763.95
<b>Target:</b>	DNA/RNA Synthesis; Nucleoside Antimetabolite/Analog
<b>Pathway:</b>	Cell Cycle/DNA Damage
<b>Storage:</b>	4°C, sealed storage, away from moisture and light * In solvent : -80°C, 6 months; -20°C, 1 month (sealed storage, away from moisture and light)



### SOLVENT & SOLUBILITY

#### In Vitro

DMSO : 100 mg/mL (130.90 mM; Need ultrasonic)

Concentration	Mass		
	1 mg	5 mg	10 mg
1 mM	1.3090 mL	6.5449 mL	13.0899 mL
5 mM	0.2618 mL	1.3090 mL	2.6180 mL
10 mM	0.1309 mL	0.6545 mL	1.3090 mL

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

### BIOLOGICAL ACTIVITY

#### Description

5'-O-DMT-2'-O-TBDMS-Bz-rC is a modified nucleoside and can be used to synthesize DNA or RNA.

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

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