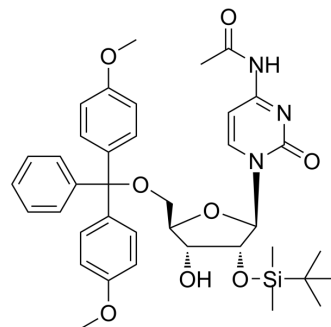


5'-O-DMT-2'-O-TBDMS-Ac-rC

Cat. No.:	HY-138614
CAS No.:	121058-85-3
Molecular Formula:	C ₃₈ H ₄₇ N ₃ O ₈ Si
Molecular Weight:	701.88
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 (142.47 mM; Need ultrasonic)					
		Solvent Concentration	Mass			
	Preparing Stock Solutions			1 mg	5 mg	10 mg
		1 mM		1.4247 mL	7.1237 mL	14.2474 mL
		5 mM		0.2849 mL	1.4247 mL	2.8495 mL
10 mM		0.1425 mL	0.7124 mL	1.4247 mL		
Please refer to the solubility information to select the appropriate solvent.						
In Vivo	1. Add each solvent one by one: 10% DMSO >> 90% (20% SBE-β-CD in saline) Solubility: 2.5 mg/mL (3.56 mM); Suspended solution; Need ultrasonic					
	2. Add each solvent one by one: 10% DMSO >> 90% corn oil Solubility: ≥ 2.5 mg/mL (3.56 mM); Clear solution					

BIOLOGICAL ACTIVITY

Description	5'-O-DMT-2'-O-TBDMS-Ac-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.

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