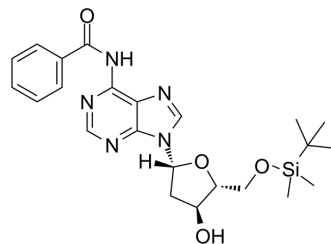


5'-O-TBDMS-Bz-dA

Cat. No.:	HY-138595
CAS No.:	51549-39-4
Molecular Formula:	C ₂₃ H ₃₁ N ₅ O ₄ Si
Molecular Weight:	469.61
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 (212.94 mM; Need ultrasonic)					
	Preparing Stock Solutions	Solvent	Mass	1 mg	5 mg	10 mg
		Concentration				
		1 mM		2.1294 mL	10.6471 mL	21.2943 mL
		5 mM		0.4259 mL	2.1294 mL	4.2589 mL
10 mM		0.2129 mL	1.0647 mL	2.1294 mL		
Please refer to the solubility information to select the appropriate solvent.						
In Vivo	<ol style="list-style-type: none"> Add each solvent one by one: 10% DMSO >> 40% PEG300 >> 5% Tween-80 >> 45% saline Solubility: ≥ 2.5 mg/mL (5.32 mM); Clear solution Add each solvent one by one: 10% DMSO >> 90% (20% SBE-β-CD in saline) Solubility: ≥ 2.5 mg/mL (5.32 mM); Clear solution Add each solvent one by one: 10% DMSO >> 90% corn oil Solubility: ≥ 2.5 mg/mL (5.32 mM); Clear solution 					

BIOLOGICAL ACTIVITY

Description	5'-O-TBDMS-Bz-dA is a nucleoside with protective and modification effects.
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Caution: Product has not been fully validated for medical applications. For research use only.

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