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Lieferung & Zahlungsart

siehe unsere [Liefer- und Versandbedingungen](#)

Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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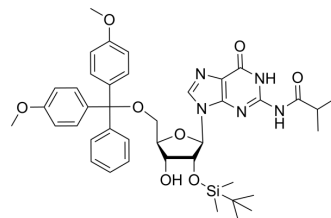
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5'-O-DMT-2'-O-iBu-N-Bz-Guanosine

Cat. No.:	HY-43059
CAS No.:	81279-39-2
Molecular Formula:	C ₄₁ H ₅₁ N ₅ O ₈ Si
Molecular Weight:	769.96
Target:	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 (129.88 mM; Need ultrasonic)					
	Preparing Stock Solutions	Solvent Concentration	Mass	1 mg	5 mg	10 mg
		1 mM		1.2988 mL	6.4938 mL	12.9877 mL
		5 mM		0.2598 mL	1.2988 mL	2.5975 mL
		10 mM		0.1299 mL	0.6494 mL	1.2988 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 (3.25 mM); Suspended solution; Need ultrasonic					
	2. Add each solvent one by one: 10% DMSO >> 90% corn oil Solubility: ≥ 2.5 mg/mL (3.25 mM); Clear solution					

BIOLOGICAL ACTIVITY

Description	5'-O-DMT-2'-O-iBu-N-Bz-Guanosine could be used for silyl protection of ribonucleosides ^[1] .
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REFERENCES

[1]. Thomas P Blaisdell, et al. Practical silyl protection of ribonucleosides. Org Lett. 2013 Sep 20;15(18):4710-3.

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

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