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Lieferung & Zahlungsart

siehe unsere [Liefer- und Versandbedingungen](#)

Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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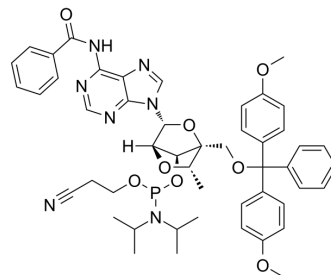
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5'-ODMT cEt N-Bz A Phosphoramidite (Amidite)

Cat. No.:	HY-148503
CAS No.:	1197033-19-4
Molecular Formula:	C ₄₉ H ₅₄ N ₇ O ₈ P
Molecular Weight:	899.97
Target:	Nucleoside Antimetabolite/Analog
Pathway:	Cell Cycle/DNA Damage
Storage:	-20°C, stored under nitrogen, away from moisture * In solvent : -80°C, 6 months; -20°C, 1 month (stored under nitrogen, away from moisture)



SOLVENT & SOLUBILITY

In Vitro

DMSO : 100 mg/mL (111.11 mM; Need ultrasonic)

	Solvent Concentration	Mass	1 mg	5 mg	10 mg
Preparing Stock Solutions	1 mM		1.1111 mL	5.5557 mL	11.1115 mL
	5 mM		0.2222 mL	1.1111 mL	2.2223 mL
	10 mM		0.1111 mL	0.5556 mL	1.1111 mL

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

BIOLOGICAL ACTIVITY

Description

5'-ODMT cEt N-Bz A Phosphoramidite Amidite is a locked nucleic acid (LNA) analogue. 5'-ODMT cEt N-Bz A Phosphoramidite Amidite possesses hybridization and mismatch discrimination attributes similar to those of LNA and shows resistance to exonuclease digestion^[1].

REFERENCES

[1]. Seth PP, et al. Synthesis and biophysical evaluation of 2',4'-constrained 2'-O-methoxyethyl and 2',4'-constrained 2'-O-ethyl nucleic acid analogues. J Org Chem. 2010 Mar 5;75(5):1569-81.

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

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