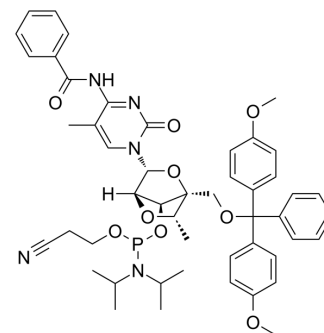


5'-ODMT cEt N-Bzm5 C Phosphoramidite (Amidite)

Cat. No.:	HY-148505
CAS No.:	1197033-17-2
Molecular Formula:	C ₄₉ H ₅₆ N ₅ O ₉ P
Molecular Weight:	889.97
Target:	Nucleoside Antimetabolite/Analog
Pathway:	Cell Cycle/DNA Damage
Storage:	-20°C, sealed storage, away from moisture * In solvent : -80°C, 6 months; -20°C, 1 month (sealed storage, away from moisture)



SOLVENT & SOLUBILITY

In Vitro

DMSO : 250 mg/mL (280.91 mM; Need ultrasonic)

Concentration	Mass			
	1 mg	5 mg	10 mg	
1 mM	1.1236 mL	5.6182 mL	11.2363 mL	
5 mM	0.2247 mL	1.1236 mL	2.2473 mL	
10 mM	0.1124 mL	0.5618 mL	1.1236 mL	

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

BIOLOGICAL ACTIVITY

Description

5'-ODMT cEt N-Bzm5 C Phosphoramidite Amidite is a potent nucleic acid analog. 5'-ODMT cEt N-Bzm5 C Phosphoramidite Amidite belongs to modified antisense oligonucleotide^[1].

REFERENCES

[1]. Yu J, et al. Synthesis and antisense properties of 2'-O-(2S-methoxypropyl)-RNA-modified gapmer antisense oligonucleotides. ChemMedChem. 2014 Sep;9(9):2040-4.

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

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