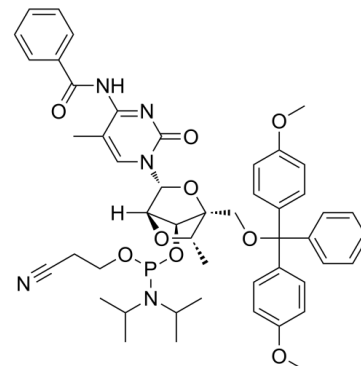


Data Sheet

Product Name:	5'-ODMT cEt N-Bzm5 C Phosphoramidite (Amidite)
Cat. No.:	CS-0628991
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
Solubility:	10 mM in DMSO



BIOLOGICAL ACTIVITY:

5'-ODMT cEt N-Bzm5 C Phosphoramidite Amidite is a potent nucleic acid analog. 5'-ODMT cEt N-Bzm5 C Phosphoramidite Amidite blongs 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.

CAIndexNames:

Benzamide, N-[1-[2,5-anhydro-4-C-[[bis(4-methoxyphenyl)phenylmethoxy)methyl]-3-O-[[bis(1-methylethyl)amino](2-cyanoethoxy)phosphino]-6-deoxy-α-L-mannofuranosyl]-1,2-dihydro-5-methyl-2-oxo-4-pyrimidinyl]-

SMILES:

CC(C)N(C(C)C)P(OCCC#N)O[C@@H]([C@H](O[C@H]1C([H])[C@H](N2C(N=C(C(C)=C2)NC(C3=CC=CC=C3)=O)=O)O4)[C@@]41COC(C5=CC=C(C=C5)OC)(C6=CC=CC=C6)C7=CC=C(C=C7)OC

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

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