

Product Datasheet

Biotin-16-dUTP (orb1690206)

Catalog Number	orb1690206
Category	Small Molecules
Description	Biotin-16-dUTP is a biotinylated nucleotide analog that serves as a fluorescent substitute for dTTP in enzymatic incorporation. It is widely used for in situ hybridization, DNA labeling, and the detection of nucleic acids in both in vitro assays and cellular imaging applications.
Target	Others
MW	947.78
CAS Number	86303-26-6
Formula	C ₃₂ H ₅₂ N ₇ O ₁₈ P ₃ S
SMILES	<chem>[H][C@]12CS[C@@H](CCCCC(=O)NCCCC(=O)NCCCCC(=O)NC\C=C\c3cn([C@H]4C[C@H](O)[C@@H](COP(O)(=O)OP(O)(=O)OP(O)(O)=O)O4)c(=O)[nH]c3=O)[C@@]1([H])NC(=O)N2</chem>
Storage	-20°C
Note	For research use only
Expiration Date	12 months from date of receipt.

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