

## Product Datasheet

### AMCA-6-dUTP (orb1982049)

<b>Catalog Number</b>	orb1982049
<b>Category</b>	Small Molecules
<b>Description</b>	AMCA-6-dUTP is a fluorescent nucleotide analog used for the enzymatic labeling of DNA and cDNA probes. This reagent facilitates applications in molecular biology, including fluorescence in situ hybridization (FISH) and microarray analysis, for both in vitro and cellular imaging studies.
<b>Target</b>	Others, Autophagy
<b>MW</b>	851.58
<b>CAS Number</b>	758665-99-5
<b>Formula</b>	$C_{30}H_{40}N_5O_{18}P_3$
<b>SMILES</b>	<chem>O=C1N(C=C(/C=C/CNC(CCCCCNC(CC2=C(C)C=3C(OC2=O)=CC(N)=CC3)=O)=O)C(=O)N1)[C@@H]4O[C@H](COP(OP(OP(=O)(O)O)(=O)O)(=O)O)[C@@H](O)C4</chem>
<b>Storage</b>	-20°C
<b>Note</b>	For research use only
<b>Expiration Date</b>	12 months from date of receipt.

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