Product Datasheet

5-Propargylamino-ddUTP (ATTO-532) (orb64809)

Description	5-Propargylamino-ddUTP conjugated to ATTO-532.
Form/Appearance	solution in water; Color: orange; pH: 7.5 ± 0.5
Concentration	0.50 mM-0.55 mM
Storage	store at -20 °C
Note	For research use only
Application notes	**Spectroscopic Propertie**: λexc 532 nm, λem 552 nm, ε 115.0 L mmol-1 cm-1 (Tris-HCl pH 7.5).
Formula	$C_{41}H_{47}N_6O_{22}P_3S_2$
Purity	≥ 95% (HPLC)
MW	Theoretical MW: 1132.89 g/mol (free acid); Detected MW: 1132.14 g/mol (free acid)
SMILES	C1C[C@@H](O[C@@H]1COP(=O)(OP(=O)(OP(=O)(O)O)O)O)n1c(=O)[nH]c(=O)c(c1)C#CCNC(=O)CCCN(C(=O)c1c(cccc1)c1c2c(oc3c1cc/c(=[NH+]/CC)/c3S(=O)(=O)[O-])c(c(cc2)NCC)S(=O)(=O)O)C
Expiration Date	12 months from date of receipt.

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