Product Datasheet

5-Propargylamino-ddCTP (ATTO-390) (orb64860)

Description	5-Propargylamino-ddCTP conjugated to ATTO-390.
Form/Appearance	solution in water; Color: slightly yellow; 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 390 nm, λem 476 nm, ε 24.0 L mmol-1 cm-1 (Tris-HCl pH 7.5).
Formula	$C_{32}H_{42}N_5O_{15}P_3$
Purity	≥ 95% (HPLC)
MW	Theoretical MW: 829.63 g/mol (free acid); Detected MW: 829.19 g/mol (free acid)
SMILES	C1C[C@@H](O[C@@H]1COP(=O)(OP(=O)(OP(=O)(O)O)O)O)n1c(=O)nc(c(c1)C#CCNC(=O)CCCN1c2cc3oc(=O)cc(C)c3cc2C(C)CC1(C)C)N
Expiration Date	12 months from date of receipt.

Biorbyt Ltd.
7 Signet Court, Swann's Road, Cambridge, CB5 8LA, United Kingdom
Email: **info@biorbyt.com** | Phone: **+44 (0) 1223 859-353** | Fax: +44 (0)1223 280 240

Biorbyt LLC.
68 TW Alexander Drive
Research Triangle Park
Durham, North Carolina
27709. United States
Email: **info@biorbyt.com** | Phone: **+1 (415) 906-5211** | Fax: +1 (415) 651-8558