Product Datasheet

5-Propargylamino-CTP (DYQ-661) (orb64916)

Description	5-Propargylamino-CTP conjugated to DYQ-661.
Form/Appearance	solution in water; pH: 7.5 ± 0.5
Concentration	1.0 mM-1.1 mM
Storage	store at -20 °C
Note	For research use only
Application notes	**Spectroscopic Propertie**: λexc 662 nm, ε 104.0 L mmol-1 cm-1, (Tris-HCl pH 7.5), λexc 662 nm, ε 140.0 L mmol-1 cm-1(Ethanol), Please note: DYQ661 is not a dark quencher, λem 690 nm.
Formula	$C_{51}H_{60}N_6O_{22}P_3S_2$
Purity	≥ 95% (HPLC)
MW	Theoretical MW: 1266.10 g/mol (Anion)
SMILES	N(CC#Cc1cn(c(=O)nc1N)[C@@H]1O[C@H](COP(=O)(O)OP(=O)(O)OP(=O)(O)O)[C@H]([C@H]1O)O)C(=O)CCCC1(c2cc(ccc2N(/C/1=C\C=C\c1c2c(cc(N(CC)CC)cc2)[o+]c(c2ccccc2)c1C)CCCS(=O)(=O)[O-])S(=O)(=O)O)C
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