

Product Datasheet

5-Propargylamino-ddUTP (Cy5) (orb64783)

Description	5-Propargylamino-ddUTP conjugated to Cy5.
Form/Appearance	solution in water; Color: blue; 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: λ _{exc} 649 nm, λ _{em} 670 nm, ε 250.0 L mmol ⁻¹ cm ⁻¹ (Tris-HCl pH 7.5).
Formula	C ₄₅ H ₅₆ N ₅ O ₂₀ P ₃ S ₂
Purity	≥ 95% (HPLC)
MW	Theoretical MW: 1144.00 g/mol (free acid); Detected MW: 1143.22 g/mol (free acid)
SMILES	<chem>N(CC#Cc1cn(c(=O)[nH]c1=O)[C@@H]1O[C@H](COP(=O)(O)OP(=O)(O)OP(=O)(O)O)CC1)C(=O)CCCCCN1c2ccc(S(=O)(=O)O)cc2C(C)(C)/C1=C\C=C\C=C\C1=*(c2ccc(cc2C1(C)C)S(=O)(=O)[O-])CC</chem>
Expiration Date	12 months from date of receipt.