

Product Datasheet

5-Propargylamino-ddUTP (Texas Red) (orb64774)

Description	5-Propargylamino-ddUTP conjugated to Texas Red.
Form/Appearance	solution in water; Color: red-violet; 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: λ _{exc} 588 nm, λ _{em} 609 nm, ε 80.0 L mmol ⁻¹ cm ⁻¹ (Tris-HCl pH 7.5).
Formula	C ₄₉ H ₅₇ N ₆ O ₂₀ P ₃ S ₂
Purity	≥ 95% (HPLC)
MW	Theoretical MW: 1207.06 g/mol (free acid)
SMILES	<chem>C1C[C@@H](O[C@@H]1COP(=O)(OP(=O)(OP(=O)(O)O)O)n1c(=O)[nH]c(=O)c(c1)C#CCNC(=O)CCCCCNS(=O)(=O)c1cc(c(cc1)C1=c2c(Oc3c1cc1c4c3CCCN4CCC1)c1c3=[N+](CCCc3c2)CCC1)S(=O)(=O)[O-].C1C[C@@H](O[C@@H]1COP(=O)(OP(=O)(OP(=O)(O)O)O)n1c(=O)[nH]c(=O)c(c1)C#CCNC(=O)CCCCCNS(=O)(=O)c1cc(ccc1C1=c2c(Oc3c1cc1c4c3CCCN4CCC1)c1c3=[N+](CCCc3c2)CCC1)S(=O)(=O)[O-]</chem>
Expiration Date	12 months from date of receipt.