

Product Datasheet

5-Propargylamino-ddUTP (6-JOE) (orb64816)

Description	5-Propargylamino-ddUTP conjugated to 6-JOE.
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: λ _{exc} 520 nm, λ _{em} 548 nm, ε 75.0 L mmol ⁻¹ cm ⁻¹ (Tris-HCl pH 7.5).
Formula	C ₃₅ H ₃₀ Cl ₂ N ₃ O ₂₁ P ₃
Purity	≥ 95% (HPLC)
MW	Theoretical MW: 992.45 g/mol (free acid); Detected MW: 991.00 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)c1cc2C3(c4cc(c(O)c(Cl)c4O)c4c(Cl)c(O)c(cc34)OC)OC(=O)c2cc1</chem>
Expiration Date	12 months from date of receipt.