

Product Datasheet

5-Azidomethyl-dUTP (orb532333)

Description	5-Azidomethyl-dUTP
Form/Appearance	solution in water; Color: colorless to slightly yellow; pH: 7.5 ± 0.5
Concentration	10 mM-11 mM
Storage	store at -20 °C
Note	For research use only
Application notes	Spectroscopic Propertie: λ _{max} 267 nm, ε 9.65 L mmol ⁻¹ cm ⁻¹ (Tris-HCl, pH 7.5).
Formula	C ₁₀ H ₁₆ N ₅ O ₁₄ P ₃
Purity	≥ 95% (HPLC)
MW	Theoretical MW: 523.18 g/mol (free acid); Detected MW: 522.99 g/mol (free acid)
SMILES	N(=[N+]=[N-])Cc1cn(c(=O)[nH]c1=O)[C@H]1C[C@@H]([C@H](O1)COP(=O)(O)OP(=O)(O)OP(=O)(O)O)O
Expiration Date	12 months from date of receipt.