

Product Datasheet

Aminoallyl-UTP (Cy5) (orb64090)

Description	Aminoallyl-UTP 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 ₅₈ N ₅ O ₂₂ P ₃ S ₂
Purity	≥ 95% (HPLC)
MW	Theoretical MW: 1178.01 g/mol (free acid); Detected MW: 1177.22 g/mol (free acid)
SMILES	<chem>C(/C=C/c1cn(c(=O)[nH]c1=O)[C@H]1[C@@H]([C@@H]([C@H](O1)COP(=O)(O)OP(=O)(O)OP(=O)(O)O)O)NC(=O)CCCCCN1/C(=C/C=C/C=C/C2=[N+](CC)c3c(C2(C)C)cc(S(=O)(=O)[O-])cc3)/C(c2c1ccc(c2)S(=O)(=O)O)(C)C</chem>
Expiration Date	12 months from date of receipt.