

Product Datasheet

Aminoallyl-UTP (ATTO-488) (orb64118)

Description	Aminoallyl-UTP conjugated to ATTO-488.
Form/Appearance	solution in water; Color: yellow; 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} 500 nm, λ_{em} 520 nm, ϵ 90.0 L mmol ⁻¹ cm ⁻¹ (Tris-HCl pH 7.5).
Formula	C ₃₇ H ₄₁ N ₆ O ₂₄ P ₃ S ₂
Purity	≥ 95% (HPLC)
MW	Theoretical MW: 1110.79 g/mol (free acid); Detected MW: 1110.08 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)CCCN(C(=O)c1c(cccc1)c1c2c(oc3c1ccc(=[NH2+])c3S(=O)(=O)[O-])c(c(cc2)N)S(=O)(=O)O)C</chem>
Expiration Date	12 months from date of receipt.