

Product Datasheet

Aminoallyl-UTP (6-ROX) (orb64122)

Description	Aminoallyl-UTP conjugated to 6-ROX.
Form/Appearance	solution in water; 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} 575 nm, λ_{em} 600 nm, ϵ 82.0 L mmol ⁻¹ cm ⁻¹ (Tris-HCl pH 7.5).
Formula	C ₄₅ H ₄₈ N ₅ O ₁₉ P ₃
Purity	≥ 95% (HPLC)
MW	Theoretical MW: 1055.81 g/mol (free acid)
SMILES	<chem>P(=O)(OP(=O)(O)O)(O)OP(=O)(O)OC[C@H]1O[C@H]([C@@H]([C@@H]1O)O)n1c(=O)[nH]c(=O)c(c1)/C=C/CNC(=O)c1cc(c(cc1)C(=O)[O-])C1=c2c(Oc3c1cc1c4c3CCCN4CCC1)c1c3=[N+](CCC1)CCCc3c2</chem>
Expiration Date	12 months from date of receipt.