

Product Datasheet

N6-(6-Amino)hexyl-ATP (ATTO-Rho6G) (orb63375)

Description	N6-(6-Amino)hexyl-ATP conjugated to ATTO-Rho6G.
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} 533 nm, λ_{em} 557 nm, ϵ 115.0 L mmol ⁻¹ cm ⁻¹ (Tris-HCl pH 7.5).
Formula	C ₄₇ H ₆₂ N ₉ O ₁₆ P ₃
Purity	≥ 95% (HPLC)
MW	Theoretical MW: 1101.98 g/mol (free acid); Detected MW: 1101.35 g/mol (free acid)
SMILES	<chem>O[C@H]1[C@H](n2cnc3c(NCCCCCNC(=O)CCCN(C(=O)c4c(c5c6cc(/c(=[NH+]/CC)/cc6oc6c5cc(c(c6)NCC)C)C)cccc4)C)ncnc23)O[C@H](COP(=O)(O)OP(=O)(O)O)[C@H]1O</chem>
Expiration Date	12 months from date of receipt.