

Product Datasheet

gamma-(6-Aminohexyl)-ATP - 5/6-TAMRA (orb533178)

Description	gamma-(6-Aminohexyl)-ATP - 5/6-TAMRA
Form/Appearance	solution in water; Color: pink to red; 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} 545 nm, λ _{em} 575 nm, ε 90.0 L mmol ⁻¹ cm ⁻¹ (Tris-HCl pH 7.5).
Formula	C ₄₁ H ₄₉ N ₈ O ₁₇ P ₃
Purity	≥ 95% (HPLC)
MW	Theoretical MW: 1018.80 g/mol (free acid); Detected MW: 1018.24 g/mol (free acid)
SMILES	<chem>O[C@H]1[C@H](n2cnc3c(N)ncnc23)O[C@@H]([C@H]1O)COP(=O)(OP(=O)(OP(=O)(OCCCCCNC(=O)C1CC(C(C1)C(=O)[O-]))C1C2C(OC3C1CCC(C3)N(C)C)CC(=[N+](C)C)CC2)O)O.O[C@H]1[C@H](n2cnc3c(N)ncnc23)O[C@@H]([C@H]1O)COP(=O)(OP(=O)(OP(=O)(OCCCCCNC(=O)C1CCC(C(C1)C(=O)[O-]))C1C2C(OC3C1CCC(C3)N(C)C)CC(=[N+](C)C)CC2)O)O)O</chem>
Expiration Date	12 months from date of receipt.