

Product Datasheet

EDA-ATP gamma S (ATTO-Rho101) (orb63803)

Description	EDA-ATP gamma S conjugated to ATTO-Rho101.
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} 587 nm, λ_{em} 609 nm, ϵ 120.0 L mmol ⁻¹ cm ⁻¹ (Tris-HCl pH 7.5).
Formula	C ₅₀ H ₅₉ N ₁₀ O ₁₆ P ₃ S
Purity	≥ 90% (HPLC)
MW	Theoretical MW: 1181.06 g/mol (free acid); Detected MW: 1180.30 g/mol (free acid)
SMILES	N(CCNC(=O)O[C@H]1[C@H](n2cnc3c(N)ncnc23)O[C@H](COP(=O)(O)OP(=O)(O)OP(=S)(O)O)[C@H]1O)C(=O)CCCN(C(=O)c1c(C2=c3cc4c5=[N+](CCC4)CCc5c3Oc3c2cc2c4c3CCCN4CCC2)cccc1)C.N(CCNC(=O)O[C@H]1[C@@H](COP(=O)(O)OP(=O)(O)OP(=S)(O)O)[C@@H](n2cnc3c(N)ncnc23)[C@@H]1O)C(=O)CCCN(C(=O)c1c(C2=c3cc4c5=[N+](CCC4)CCc5c3Oc3c2cc2c4c3CCCN4CCC2)cccc1)C
Expiration Date	12 months from date of receipt.