

Product Datasheet

EDA-ATP gamma S (ATTO-633) (orb63811)

Description	EDA-ATP gamma S conjugated to ATTO-633.
Form/Appearance	solution in water; Color: blue; 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} 630 nm, λ_{em} 651 nm, ϵ 130.0 L mmol ⁻¹ cm ⁻¹ (Tris-HCl pH 7.5).
Formula	C ₄₈ H ₆₁ N ₁₀ O ₁₅ P ₃ S
Purity	≥ 90% (HPLC)
MW	Theoretical MW: 1143.05 g/mol (free acid); Detected MW: 1142.33 g/mol (free acid)
SMILES	<chem>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)NCCNC(=O)CCCN(C)C(=O)c1c(C2=C3C=CC(=[N+](C)C)C=C3C(c3cc4N(CCCc4cc23)CC)(C)C)cccc1.N(CCN(C(=O)O[C@@H]1[C@@H](COP(=O)(O)OP(=O)(O)OP(=S)([O-])O)O[C@@H](n2cnc3c(N)ncnc23)[C@@H]1O)C(=O)CCCN(C(=O)c1cccc1C1=C2C=CC(=[N+](C)C)C=C2C(c2cc3N(CCCc3cc12)CC)(C)C)C</chem>
Expiration Date	12 months from date of receipt.