

Product Datasheet

EDA-ATP (ATTO-565) (orb63864)

Description	EDA-ATP conjugated to ATTO-565.
Form/Appearance	solution in water; Color: 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} 564 nm, λ_{em} 590 nm, ϵ 120.0 L mmol ⁻¹ cm ⁻¹ (Tris-HCl pH 7.5).
Formula	C ₄₄ H ₅₀ N ₉ O ₁₈ P ₃
Purity	≥ 95% (HPLC)
MW	Theoretical MW: 1085.85 g/mol (free acid); Detected MW: 1085.25 g/mol (free acid)
SMILES	<chem>C(=O)(NCCNC(=O)O[C@H]1[C@H](n2cnc3c(N)ncnc23)O[C@H](COP(=O)(O)OP(=O)(O)OP(=O)(O)O)[C@H]1O)c1cc(c(cc1)C(=O)[O-])C1=c2c(Oc3c1cc1c(c3)N(CCC1)CC)cc1=[N+](CCCC1c2)CC.C(=O)(NCCNC(=O)O[C@@H]1[C@@H](COP(=O)(O)OP(=O)(O)OP(=O)(O)O)[C@@H](n2cnc3c(N)ncnc23)[C@@H]1O)c1cc(c(cc1)C(=O)[O-])C1=c2c(Oc3c1cc1c(c3)N(CCC1)CC)cc1=[N+](CCCC1c2)CC.C(=O)(NCCNC(=O)O[C@H]1[C@H](n2cnc3c(N)ncnc23)O[C@H](COP(=O)(O)OP(=O)(O)OP(=O)(O)O)[C@H]1O)c1cc(c(cc1)C1=c2c(Oc3c1cc1c(c3)N(CCC1)CC)cc1=[N+](CCCC1c2)CC)C(=O)[O-].C(=O)(NCCNC(=O)O[C@@H]1[C@@H](COP(=O)(O)OP(=O)(O)OP(=O)(O)O)[C@@H](n2cnc3c(N)ncnc23)[C@@H]1O)c1cc(c(cc1)C1=c2c(Oc3c1cc1c(c3)N(CCC1)CC)cc1=[N+](CCCC1c2)CC)C(=O)[O-]</chem>
Expiration Date	12 months from date of receipt.