

Product Datasheet

EDA-ATP gamma S (ATTO-550) (orb63818)

Description	EDA-ATP gamma S conjugated to ATTO-550.
Form/Appearance	solution in water; Color: red-violet; 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} 554 nm, λ_{em} 576 nm, ϵ 120.0 L mmol ⁻¹ cm ⁻¹ (Tris-HCl pH 7.5).
Formula	C ₅₀ H ₆₃ N ₁₀ O ₁₆ P ₃ S
Purity	≥ 90% (HPLC)
MW	Theoretical MW: 1185.09 g/mol (free acid); Detected MW: 1184.34 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]1OC(=O)NCCNC(=O)CCCN(C(=O)c1c(C2=c3cc4C(CC([NH+]=c4cc3Oc3cc4NC(CC(c4cc23)C)(C)C)(C)C)cccc1)C.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=c3cc4C(CC([NH+]=c4cc3Oc3cc4NC(CC(c4cc23)C)(C)C)(C)C)C)cccc1)C</chem>
Expiration Date	12 months from date of receipt.