

Product Datasheet

EDA-ADP (ATTO-Thio12) (orb63939)

Description	EDA-ADP conjugated to ATTO-Thio12.
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} 582 nm, λ_{em} 607 nm, ϵ 110.0 L mmol ⁻¹ cm ⁻¹ (Tris-HCl pH 7.5).
Formula	C ₄₂ H ₅₀ N ₁₀ O ₁₃ P ₂ S
Purity	≥ 95% (HPLC)
MW	Theoretical MW: 996.92 g/mol (free acid)
SMILES	[N+](=c1cc2sc3cc(N(C)C)ccc3c(c2cc1)c1c(cccc1)C(=O)N(CCCC(=O)NCNC(=O)O[C@H]1[C@H](n2cnc3c(N)ncnc23)O[C@H](COP(=O)(O)OP(=O)(O)[O-])[C@H]1O)C)(C)C.Nc1ncnc2c1ncn2[C@@H]1O[C@H](COP(=O)(O)OP(=O)(O)[O-])[C@@H](OC(=O)NCCNC(=O)CCCN(C(=O)c2ccccc2c2c3ccc(N(C)C)cc3sc3cc(=[N+](C)C)ccc23)C)[C@H]1O
Expiration Date	12 months from date of receipt.