

Product Datasheet

EDA-ADP (5-FAM) (orb63972)

Description	EDA-ADP conjugated to 5-FAM.
Form/Appearance	solution in water; Color: yellow; 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} 492 nm, λ _{em} 517 nm, ε 83.0 L mmol ⁻¹ cm ⁻¹ (Tris-HCl pH 7.5).
Formula	C ₃₄ H ₃₁ N ₇ O ₁₇ P ₂
Purity	≥ 95% (HPLC)
MW	Theoretical MW: 871.60 g/mol (free acid); Detected MW: 871.13 g/mol (free acid)
SMILES	<chem>OC(=O)c1cc(ccc1c1c2ccc(=O)cc2oc2c1ccc(O)c2)C(=O)NCCNC(=O)O[C@H]1[C@H](n2cnc3c(N)ncnc23)O[C@H](COP(=O)(O)OP(=O)(O)O)[C@H]1O.Nc1ncnc2c1ncn2[C@@H]1O[C@H](COP(=O)(O)OP(=O)(O)O)[C@@H](OC(=O)NCCNC(=O)c2cc(C(=O)O)c(cc2)c2c3ccc(=O)cc3oc3c2ccc(O)c3)[C@H]1O</chem>
Expiration Date	12 months from date of receipt.