

Product Datasheet

EDA-AppNHp (5/6-TAMRA) (orb63924)

Description	EDA-AppNHp conjugated to 5/6-TAMRA.
Form/Appearance	solution in water; Color: pink to 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} 545 nm, λ _{em} 575 nm, ε 90.0 L mmol ⁻¹ cm ⁻¹ (Tris-HCl pH 7.5).
Formula	C ₃₈ H ₄₃ N ₁₀ O ₁₇ P ₃
Purity	≥ 95% (HPLC)
MW	Theoretical MW: 1004.73 g/mol (free acid); Detected MW: 1004.20 g/mol (free acid)
SMILES	<chem>O(C(=O)NCCNC(=O)c1cc(c(cc1)C(=O)[O-])c1c2c(oc3c1ccc(c3)N(C)C)cc(=[N+](C)C)cc2)[C@H]1[C@H](n2cnc3c(N)ncnc23)O[C@H](COP(=O)(O)OP(=O)(O)NP(=O)(O)O)[C@H]1O.O[C@H]1[C@H](n2cnc3c(N)ncnc23)O[C@H](COP(=O)(O)OP(=O)(O)NP(=O)(O)O)[C@H]1OC(=O)NCCNC(=O)c1cc(c(cc1)C(=O)[O-])c1c2c(oc3c1ccc(c3)N(C)C)cc(=[N+](C)C)cc2.O(C(=O)NCCNC(=O)c1cc(c(cc1)C(=O)[O-])c1c2c(oc3c1ccc(c3)N(C)C)cc(=[N+](C)C)cc2)[C@H]1[C@H](n2cnc3c(N)ncnc23)O[C@H](COP(=O)(O)OP(=O)(O)NP(=O)(O)O)[C@H]1O.O[C@H]1[C@H](n2cnc3c(N)ncnc23)O[C@H](COP(=O)(O)OP(=O)(O)NP(=O)(O)O)[C@H]1OC(=O)NCCNC(=O)c1ccc(c(c1)C(=O)[O-])c1c2c(oc3c1ccc(c3)N(C)C)cc(=[N+](C)C)cc2</chem>
Expiration Date	12 months from date of receipt.