

Product Datasheet

EDA-m7GDP (ATTO-590) (orb63679)

Description	EDA-m7GDP conjugated to ATTO-590.
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} 593 nm, λ_{em} 622 nm, ϵ 120.0 L mmol ⁻¹ cm ⁻¹ (Tris-HCl pH 7.5).
Formula	C ₅₁ H ₅₉ N ₉ O ₁₆ P ₂
Purity	≥ 95% (HPLC)
MW	Theoretical MW: 1116.02 g/mol (free acid)
SMILES	CC1(C)N(CC)c2c(C(=C1)C)cc1c(c2)Oc2cc3=[N+](CC)C(C)(C)C=C(C)c3cc2=C1c1cc(ccc1C(=O)[O-])C(=O)NCCNC(=O)O[C@H]1[C@H](n2c[n+](c3c(=O)[nH]c(nc23)N)C)O[C@H](COP(=O)(O)OP(=O)(O)[O-])[C@H]1O.CC1(C)N(CC)c2c(C(=C1)C)cc1c(c2)Oc2cc3=[N+](CC)C(C)(C)C=C(C)c3cc2=C1c1cc(ccc1C(=O)[O-])C(=O)NCCNC(=O)O[C@@H]1[C@@H](COP(=O)(O)OP(=O)(O)[O-])O[C@@H](n2c[n+](c3c(=O)[nH]c(nc23)N)C)[C@@H]1O.CC1(C)N(CC)c2c(C(=C1)C)cc1c(c2)Oc2cc3=[N+](CC)C(C)(C)C=C(C)c3cc2=C1c1ccc(cc1C(=O)[O-])C(=O)NCCNC(=O)O[C@H]1[C@H](n2c[n+](c3c(=O)[nH]c(nc23)N)C)O[C@H](COP(=O)(O)OP(=O)(O)[O-])[C@H]1O.CC1(C)N(CC)c2c(C(=C1)C)cc1c(c2)Oc2cc3=[N+](CC)C(C)(C)C=C(C)c3cc2=C1c1ccc(cc1C(=O)[O-])C(=O)NCCNC(=O)O[C@@H]1[C@@H](COP(=O)(O)OP(=O)(O)[O-])O[C@@H](n2c[n+](c3c(=O)[nH]c(nc23)N)C)[C@@H]1O
Expiration Date	12 months from date of receipt.