

Product Datasheet

EDA-m7GDP (ATTO-495) (orb63685)

Description	EDA-m7GDP conjugated to ATTO-495.
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} 498 nm, λ _{em} 526 nm, ε 80.0 L mmol ⁻¹ cm ⁻¹ (Tris-HCl pH 7.5).
Formula	C ₃₅ H ₄₆ N ₁₀ O ₁₃ P ₂
Purity	≥ 95% (HPLC)
MW	Theoretical MW: 876.75 g/mol (free acid); Detected MW: 876.27 g/mol (free acid)
SMILES	<chem>O(C(=O)NCCNC(=O)CCCN1c2c(cc3c1cc(cc3)N(C)C)ccc(=[N+](C)C)c2)[C@H]1[C@H](n2c[n+](c3c(=O)[nH]c(N)nc23)C)O[C@H](COP(=O)([O-])OP(=O)(O)[O-])[C@H]1O.O[C@H]1[C@H](n2c[n+](c3c(=O)[nH]c(N)nc23)C)O[C@H](COP(=O)([O-])OP(=O)(O)[O-])[C@H]1OC(=O)NCCNC(=O)CCCN1c2c(cc3c1cc(cc3)N(C)C)ccc(=[N+](C)C)c2</chem>
Expiration Date	12 months from date of receipt.