

Product Datasheet

EDA-m7GDP (ATTO-620) (orb63676)

Description	EDA-m7GDP conjugated to ATTO-620.
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} 620 nm, λ_{em} 642 nm, ϵ 120.0 L mmol ⁻¹ cm ⁻¹ (Tris-HCl pH 7.5).
Formula	C ₄₆ H ₅₈ N ₁₀ O ₁₄ P ₂
Purity	≥ 95% (HPLC)
MW	Theoretical MW: 1036.97 g/mol (free acid); Detected MW: 1036.36 g/mol (free acid)
SMILES	<chem>N(CCNC(=O)O[C@@H]1[C@@H](COP(=O)([O-])OP(=O)([O-])O)[C@@H](n2c[n+](c3c(=O)[nH]c(nc23)N)C)[C@@H]1O)C(=O)CCCN(C(=O)c1ccccc1C1=C2C=CC(=[N+](C)C)C=C2C(c2c1ccc(c2)N(C)C)(C)C)C.O=C(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)NCCNC(=O)CCCN(C(=O)c1ccccc1C1=C2C=CC(=[N+](C)C)C=C2C(c2c1ccc(c2)N(C)C)(C)C)C</chem>
Expiration Date	12 months from date of receipt.