

Product Datasheet

EDA-m7GDP (ATTO-647N) (orb63674)

Description	EDA-m7GDP conjugated to ATTO-647N.
Form/Appearance	solution in water; Color: blue; 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} 646 nm, λ_{em} 664 nm, ϵ 150.0 L mmol ⁻¹ cm ⁻¹ (Tris-HCl pH 7.5).
Formula	C ₅₆ H ₇₂ N ₁₀ O ₁₄ P ₂
Purity	≥ 95% (HPLC)
MW	Theoretical MW: 1171.18 g/mol (free acid); Detected MW: 1170.47 g/mol (free acid)
SMILES	<chem>O(C(=O)NCCNC(=O)CCCN(C(=O)c1c(C2=c3cc4c5=[N+](CCC4)CCCc5c3C(c3c2cc2c(c3)N(C(CC2C)(C)C)CC(C)C)cccc1)C)[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.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]1OC(=O)NCCNC(=O)CCCN(C(=O)c1c(C2=c3cc4c5=[N+](CCC4)CCCc5c3C(c3c2cc2c(c3)N(C(CC2C)(C)C)CC(C)C)cccc1)C</chem>
Expiration Date	12 months from date of receipt.