

Product Datasheet

EDA-m7GDP (ATTO-680) (orb63671)

Description	EDA-m7GDP conjugated to ATTO-680.
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} 681 nm, λ_{em} 698 nm, ϵ 125.0 L mmol ⁻¹ cm ⁻¹ (Tris-HCl pH 7.5).
Formula	C ₄₁ H ₅₂ N ₁₀ O ₁₇ P ₂ S
Purity	≥ 95% (HPLC)
MW	Theoretical MW: 1050.93 g/mol (free acid); Detected MW: 1050.27 g/mol (free acid)
SMILES	<chem>N(CCNC(=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)C(=O)CCCN1c2cc3Oc4cc5=[N+](CC)CCCc5cc4=Nc3cc2C(=CC1(C)C)CS(=O)(=O)[O-].N(CCNC(=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)C(=O)CCCN1c2cc3Oc4cc5=[N+](CC)CCCc5cc4=Nc3cc2C(=CC1(C)C)CS(=O)(=O)[O-]</chem>
Expiration Date	12 months from date of receipt.