

Product Datasheet

EDA-m7GDP (MANT) (orb63650)

Description	EDA-m7GDP conjugated to MANT.
Form/Appearance	solution in water; Color: colorless to slightly yellow; pH: 7.5 ± 0.5
Concentration	5.0 mM-5.5 mM
Storage	store at -20 °C
Note	For research use only
Application notes	Spectroscopic Propertie: λ _{exc} 335 nm, λ _{em} 440 nm, ε 2.7 L mmol ⁻¹ cm ⁻¹ (Tris-HCl pH 7.5).
Formula	C ₂₂ H ₃₀ N ₈ O ₁₃ P ₂
Purity	≥ 95% (HPLC)
MW	Theoretical MW: 676.47 g/mol (free acid); Detected MW: 676.14 g/mol (free acid)
SMILES	<chem>O=c1[nH]c(nc2c1[n+](cn2[C@@H]1O[C@H](COP(=O)(O)OP(=O)(O)[O-])[C@@H](O)[C@H]1OC(=O)NCCNC(=O)c1c(NC)cccc1)C)N.N(c1c(cccc1)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)C</chem>
Expiration Date	12 months from date of receipt.