

Product Datasheet

EDA-m7GTP (6-FAM) (orb63645)

Description	EDA-m7GTP conjugated to 6-FAM.
Form/Appearance	solution in water; Color: yellow; 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} 492 nm, λ _{em} 517 nm, ε 83.0 L mmol ⁻¹ cm ⁻¹ (Tris-HCl pH 7.5).
Formula	C ₃₅ H ₃₄ N ₇ O ₂₁ P ₃
Purity	≥ 95% (HPLC)
MW	Theoretical MW: 981.61 g/mol (free acid); Detected MW: 981.10 g/mol (free acid)
SMILES	<chem>N(C(=O)c1ccc(c(c1)c1c2ccc(=O)cc2oc2c1ccc(O)c2)C(=O)O)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)OP(=O)([O-])O)[C@H]1O.[O-]P(=O)(O)OP(=O)(O)OP(=O)(O)OC[C@H]1O[C@@H](n2c[n+](c3c(=O)[nH]c(nc23)N)C)[C@H](O)[C@@H]1OC(=O)NCCNC(=O)c1ccc(c(c1)c1c2ccc(=O)cc2oc2c1ccc(O)c2)C(=O)O</chem>
Expiration Date	12 months from date of receipt.