

Product Datasheet

EDA-m7GDP (DYQ-661) (orb63651)

Description	EDA-m7GDP conjugated to DYQ-661.
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} 662 nm, ε 104.0 L mmol ⁻¹ cm ⁻¹ , (Tris-HCl pH 7.5), λ _{exc} 662 nm, ε 140.0 L mmol ⁻¹ cm ⁻¹ (Ethanol), Please note: DYQ661 is not a dark quencher, λ _{em} 690 nm.
Formula	C ₅₃ H ₆₄ N ₉ O ₂₀ P ₂ S ₂
Purity	≥ 95% (HPLC)
MW	Theoretical MW: 1273.20 g/mol (Anion)
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)CCCC1(c2cc(ccc2N/C1=C\C=C\c1c2c(cc(N(CC)CC)cc2)[o+](c2ccccc2)c1C)CCCS(=O)(=O)[O-])S(=O)(=O)O)C)N.O=c1[nH]c(nc2c1[n+](cn2[C@@H]1O[C@H](COP(=O)(O)OP(=O)(O)[O-])[C@@H](OC(=O)NCCNC(=O)CCCC2(c3cc(ccc3N/C2=C\C=C\C2c3c(cc(N(CC)CC)cc3)[o+](c3ccccc3)c2C)CCCS(=O)(=O)[O-])S(=O)(=O)O)C)[C@H]1O)C)N.C</chem>
Expiration Date	12 months from date of receipt.