

Product Datasheet

EDA-GTP (ATTO-488) (orb63778)

Description	EDA-GTP conjugated to ATTO-488.
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} 500 nm, λ _{em} 520 nm, ε 90.0 L mmol ⁻¹ cm ⁻¹ (Tris-HCl pH 7.5).
Formula	C ₃₈ H ₄₃ N ₁₀ O ₂₄ P ₃ S ₂
Purity	≥ 95% (HPLC)
MW	Theoretical MW: 1180.85 g/mol (free acid); Detected MW: 1180.11 g/mol (free acid)
SMILES	[C@@H]1([C@H]([C@@H](O[C@@H]1COP(=O)(OP(=O)(OP(=O)(O)O)O)O)n1c2c(nc1)c(=O)[nH]c(n2)N)OC(=O)NCCNC(=O)CCCN(C(=O)c1ccc cc1c1c2c(oc3c1ccc(c3S(=O)(=O)O)N)c(c(=[NH2+])cc2)S(=O)(=O)[O-])C.[C@@H]1([C@H]([C@@H](O[C@@H]1COP(=O)(OP(=O)(OP(=O)(O)O)O)O)n1c2c(nc1)c(=O)[nH]c(n2)N)OC(=O)NCCNC(=O)CCCN(C(=O)c1ccc cc1c1c2c(oc3c1ccc(c3S(=O)(=O)O)N)c(c(=[NH2+])cc2)S(=O)(=O)[O-])C)O
Expiration Date	12 months from date of receipt.