

Product Datasheet

EDA-GTP gamma S (ATTO-532) (orb63729)

Description	EDA-GTP gamma S conjugated to ATTO-532.
Form/Appearance	solution in water; Color: orange; 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} 532 nm, λ _{em} 552 nm, ε 115.0 L mmol ⁻¹ cm ⁻¹ (Tris-HCl pH 7.5).
Formula	C ₄₂ H ₅₁ N ₁₀ O ₂₃ P ₃ S ₃
Purity	≥ 90% (HPLC)
MW	Theoretical MW: 1253.02 g/mol (free acid); Detected MW: 1252.15 g/mol (free acid)
SMILES	O([C@H]1[C@H](n2cnc3c(=O)[nH]c(nc23)N)O[C@H](COP(=O)(O)OP(=O)(O)OP(=S)(O)O)[C@H]1O)C(=O)NCCNC(=O)CCCN(C(=O)c1cccc1c1c2c(oc3c1ccc(c3S(=O)(=O)O)NCC)c(/c(=[NH+](CC)/cc2)S(=O)(=O)[O-])C.O[C@H]1[C@H](n2cnc3c(=O)[nH]c(nc23)N)O[C@H](COP(=O)(O)OP(=O)(O)OP(=S)(O)O)[C@H]1O)C(=O)NCCNC(=O)CCCN(C(=O)c1cccc1c1c2c(oc3c1ccc(c3S(=O)(=O)O)NCC)c(/c(=[NH+](CC)/cc2)S(=O)(=O)[O-])C
Expiration Date	12 months from date of receipt.