

Product Datasheet

EDA-GTP gamma S (ATTO-594) (orb63723)

Description	EDA-GTP gamma S conjugated to ATTO-594.
Form/Appearance	solution in water; Color: red-violet; 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} 603 nm, λ _{em} 626 nm, ε 120.0 L mmol ⁻¹ cm ⁻¹ (Tris-HCl pH 7.5).
Formula	C ₅₄ H ₆₇ N ₁₀ O ₂₃ P ₃ S ₃
Purity	≥ 90% (HPLC)
MW	Theoretical MW: 1413.28 g/mol (free acid); Detected MW: 1412.28 g/mol (free acid)
SMILES	<chem>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)C(=O)c1c(C2=C3Cc4C(=CC([N+](=C4cc3O)c3cc4N(C(C=C(c4cc23)CS(=O)(=O)O)(C)C)CC)C(C)C)CS(=O)(=O)[O-])cccc1.N(CCNC(=O)O[C@@H]1[C@@H](COP(=O)(O)OP(=O)(O)OP(=S)(O)O)O[C@@H](n2cnc3c(=O)[nH]c(nc23)N)[C@@H]1O)C(=O)CCCN(C(=O)c1cccc1C1=C2cc3C(=CC([N+](=C3cc2O)c2cc3N(C(C=C(c3cc12)CS(=O)(=O)O)(C)C)CC)CC(C)C)CS(=O)(=O)[O-])C</chem>
Expiration Date	12 months from date of receipt.