

Product Datasheet

EDA-GTP gamma S (ATTO-Thio12) (orb63706)

Description	EDA-GTP gamma S conjugated to ATTO-Thio12.
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} 582 nm, λ_{em} 607 nm, ϵ 110.0 L mmol ⁻¹ cm ⁻¹ (Tris-HCl pH 7.5).
Formula	C ₄₂ H ₅₁ N ₁₀ O ₁₆ P ₃ S ₂
Purity	≥ 90% (HPLC)
MW	Theoretical MW: 1108.96 g/mol (free acid)
SMILES	[N+](=c1cc2sc3cc(N(C)C)ccc3c(c2cc1)c1c(cccc1)C(=O)N(CCCC(=O)NCNC(=O)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)(C)C.[O-]P(=S)(O)OP(=O)(O)OP(=O)(O)OC[C@H]1O[C@@H](n2cnc3c(=O)[nH]c(nc23)N)[C@H](O)[C@@H]1OC(=O)NCCNC(=O)CCCN(C(=O)c1ccccc1c1c2ccc(N(C)C)cc2sc2cc(=[N+](C)C)ccc12)C
Expiration Date	12 months from date of receipt.