

Product Datasheet

EDA-GTP gamma S (ATTO-Rho13) (orb63709)

Description	EDA-GTP gamma S conjugated to ATTO-Rho13.
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} 603 nm, λ_{em} 627 nm, ϵ 120.0 L mmol ⁻¹ cm ⁻¹ (Tris-HCl pH 7.5).
Formula	C ₅₄ H ₆₇ N ₁₀ O ₁ P ₃ S
Purity	≥ 90% (HPLC)
MW	Theoretical MW: 1253.16 g/mol (free acid); Detected MW: 1252.36 g/mol (free acid)
SMILES	<chem>N(CCNC(=O)O[C@@H]1[C@@H](COP(=O)(O)OP(=O)(O)OP(=S)(O)O)[C@@H](n2cnc3c(=O)[nH]c(N)nc23)[C@@H]1O)C(=O)CCCN(C(=O)c1c(C2=c3cc4c(=[N+](C(C=C4C)(C)C)CC)cc3Oc3c2cc2c(c3)N(C(C=C2C)(C)C)C)cccc1)C.N(CCNC(=O)O[C@@H]1[C@@H](n2cnc3c(=O)[nH]c(N)nc23)O[C@@H](COP(=O)(O)OP(=O)(O)OP(=S)(O)O)[C@@H]1O)C(=O)CCCN(C(=O)c1c(C2=c3cc4c(=[N+](C(C=C4C)(C)C)CC)cc3Oc3c2cc2c(c3)N(C(C=C2C)(C)C)CC)cccc1)C</chem>
Expiration Date	12 months from date of receipt.