

Product Datasheet

EDA-GTP gamma S (ATTO-680) (orb63716)

Description	EDA-GTP gamma S conjugated to ATTO-680.
Form/Appearance	solution in water; Color: blue; 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} 681 nm, λ _{em} 698 nm, ε 125.0 L mmol ⁻¹ cm ⁻¹ (Tris-HCl pH 7.5).
Formula	C ₄₀ H ₅₁ N ₁₀ O ₁₉ P ₃ S ₂
Purity	≥ 90% (HPLC)
MW	Theoretical MW: 1132.94 g/mol (free acid); Detected MW: 1132.20 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(nc23)N)[C@@H]1O)C(=O)CCCN1c2cc3Oc4cc5=[N+](CC)CCCc5cc4=Nc3cc2C(=CC1(C)C)CS(=O)(=O)[O-].N(CCNC(=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(=O)CCCN1c2cc3Oc4cc5=[N+](CC)CCCc5cc4=Nc3cc2C(=CC1(C)C)CS(=O)(=O)[O-]</chem>
Expiration Date	12 months from date of receipt.