

Product Datasheet

EDA-GTP gamma S (5-FAM) (orb63738)

Description	EDA-GTP gamma S conjugated to 5-FAM.
Form/Appearance	solution in water; Color: yellow; 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} 492 nm, λ _{em} 517 nm, ε 83.0 L mmol ⁻¹ cm ⁻¹ (Tris-HCl pH 7.5).
Formula	C ₃₄ H ₃₂ N ₇ O ₂₀ P ₃ S
Purity	≥ 90% (HPLC)
MW	Theoretical MW: 983.64 g/mol (free acid); Detected MW: 983.06 g/mol (free acid)
SMILES	OC(=O)c1cc(C(=O)NCCNC(=O)O[C@H]2[C@H](n3cnc4c(=O)[nH]c(nc34)N)O[C@H](COP(=O)(O)OP(=O)(O)OP(=S)(O)O)[C@H]2O)ccc1c1c2ccc(=O)cc2oc2c1ccc(O)c2.OC(=O)c1cc(C(=O)NCCNC(=O)O[C@@H]2[C@@H](COP(=O)(O)OP(=O)(O)OP(=S)(O)O)[C@@H](n3cnc4c(=O)[nH]c(nc34)N)[C@@H]2O)ccc1c1c2ccc(=O)cc2oc2c1ccc(O)c2
Expiration Date	12 months from date of receipt.