

Product Datasheet

EDA-GTP (Cy3) (orb63750)

Description	EDA-GTP conjugated to Cy3.
Form/Appearance	solution in water; Color: pink; 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} 550 nm, λ_{em} 570 nm, ϵ 150.0 L mmol ⁻¹ cm ⁻¹ (Tris-HCl pH 7.5).
Formula	C ₄₄ H ₅₈ N ₉ O ₂₂ P ₃ S ₂
Purity	≥ 95% (HPLC)
MW	Theoretical MW: 1222.03 g/mol (free acid); Detected MW: 1221.24 g/mol (free acid)
SMILES	<chem>OP(=O)(O)OP(=O)(O)OP(=O)(O)OC[C@H]1O[C@@H](n2cnc3c(=O)[nH]c(nc23)N)[C@H](OC(=O)NCCNC(=O)CCCCN2/C(=C/C=C/C3=*(CC)c4c(C3(C)C)cc(S(=O)(=O)[O-])cc4)/C(c3c2ccc(c3)S(=O)(=O)O)(C)C)[C@@H]1O.C(=C1/N(c2c(C1(C)C)cc(cc2)S(=O)(=O)O)CCCCC(=O)NCCNC(=O)O[C@@H]1[C@@H](COP(=O)(O)OP(=O)(O)OP(=O)(O)O)[C@@H](n2cnc3c(=O)[nH]c(nc23)N)[C@@H]1O)\C=C1=*(CC)c2c(C1(C)C)cc(S(=O)(=O)[O-])cc2</chem>
Expiration Date	12 months from date of receipt.