

Product Datasheet

EDA-GTP - BDP-FL (orb533157)

Description	EDA-GTP - BDP-FL
Form/Appearance	solution in water; Color: orange; pH: 7.5 ± 0.5
Concentration	5.0 mM-5.5 mM
Storage	store at -20 °C
Note	For research use only
Application notes	Spectroscopic Propertie: λ _{exc} 503 nm, λ _{em} 512 nm, ε 80.0 L mmol ⁻¹ cm ⁻¹ (Tris-HCl pH 7.5).
Formula	C ₂₇ H ₃₅ BF ₂ N ₉ O ₁₆ P ₃
Purity	≥ 95% (HPLC)
MW	Theoretical MW: 883.35 g/mol (free acid); Detected MW: 883.15 g/mol (free acid)
SMILES	<chem>O[C@H]1[C@H](n2cnc3c(=O)[nH]c(nc23)N)O[C@H](COP(=O)(O)OP(=O)(O)OP(=O)(O)O)[C@H]1OC(=O)NCCNC(=O)CCC1=[N+]2[B-](n3c(C=C2C=C1)c(cc3C)C)(F)F.O([C@H]1[C@H](n2cnc3c(=O)[nH]c(nc23)N)O[C@H](COP(=O)(O)OP(=O)(O)OP(=O)(O)O)[C@H]1O)C(=O)NCCNC(=O)CCC1=[N+]2[B-](n3c(C=C2C=C1)c(cc3C)C)(F)F</chem>
Expiration Date	12 months from date of receipt.