

Product Datasheet

EDA-m7GDP (Texas Red) (orb63648)

Description	EDA-m7GDP conjugated to Texas Red.
Form/Appearance	solution in water; Color: red-violet; 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} 588 nm, λ _{em} 609 nm, ε 80.0 L mmol ⁻¹ cm ⁻¹ (Tris-HCl pH 7.5).
Formula	C ₅₁ H ₆₂ N ₁₀ O ₁₉ P ₂ S ₂ ⁻
Purity	≥ 95% (HPLC)
MW	Theoretical MW: 1245.17 g/mol (free acid)
SMILES	<chem>O=c1[nH]c(nc2c1[n+](cn2C1O[C@H](COP(=O)(O)OP(=O)(O)[O-])[C@H]([C@H]1O)OC(=O)NCCNC(=O)CCCCNS(=O)(=O)c1cc(c(cc1)C1=c2c(Oc3c1cc1c4c3CCCN4CCC1)c1c3=[N+](CCCc3c2)CCC1)S(=O)(=O)[O-])C)N.O=c1[nH]c(nc2c1[n+](cn2[C@@H]1O[C@H](COP(=O)(O)OP(=O)(O)[O-])[C@@H](O)[C@H]1OC(=O)NCCNC(=O)CCCCNS(=O)(=O)c1cc(c(cc1)C1=c2c(Oc3c1cc1c4c3CCCN4CCC1)c1c3=[N+](CCCc3c2)CCC1)S(=O)(=O)[O-])C)N.O=c1[nH]c(nc2c1[n+](cn2C1O[C@H](COP(=O)(O)OP(=O)(O)[O-])[C@H]([C@H]1O)OC(=O)NCCNC(=O)CCCCNS(=O)(=O)c1cc(ccc1C1=c2c(Oc3c1cc1c4c3CCCN4CCC1)c1c3=[N+](CCCc3c2)CCC1)S(=O)(=O)[O-])C)N.O=c1[nH]c(nc2c1[n+](cn2[C@@H]1O[C@H](COP(=O)(O)OP(=O)(O)[O-])[C@@H](O)[C@H]1OC(=O)NCCNC(=O)CCCCNS(=O)(=O)c1cc(ccc1C1=c2c(Oc3c1cc1c4c3CCCN4CCC1)c1c3=[N+](CCCc3c2)CCC1)S(=O)(=O)[O-])C)N</chem>
Expiration Date	12 months from date of receipt.