

Product Datasheet

EDA-ATP (Biotin) (orb63842)

Description	EDA-ATP conjugated to Biotin.
Form/Appearance	solution in water; Color: colorless to slightly yellow; 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 _{max} 259 nm, ε 15.3 L mmol ⁻¹ cm ⁻¹ (Tris-HCl, pH 7.5).
Formula	C ₂₃ H ₃₆ N ₉ O ₁₆ P ₃ S
Purity	≥ 95% (HPLC)
MW	Theoretical MW: 819.57 g/mol (free acid); Detected MW: 819.12 g/mol (free acid)
SMILES	[C@@H]1([C@H]([C@@H](O[C@@H]1COP(=O)(OP(=O)(OP(=O)(O)O)O)O)n1c2c(nc1)c(ncn2)N)OC(=O)NCCNC(=O)CCCC[C@@H]1SC[C@H]2[C@@H]1NC(=O)N2)O.[C@@H]1([C@H]([C@@H](O[C@@H]1COP(=O)(OP(=O)(OP(=O)(O)O)O)O)n1c2c(nc1)c(ncn2)N)O)OC(=O)NCCNC(=O)CCCC[C@@H]1SC[C@H]2[C@H]1NC(=O)N2
Expiration Date	12 months from date of receipt.