

EDA-ATP (Cy5) (orb63840)

Description	EDA-ATP conjugated to Cy5.
Form/Appearance	solution in water; Color: blue; pH: 7.5 ± 0.5
Concentration	1.0 mM-1.1 mM
Storage	store at -20 °C
Note	For research use only
Application notes	Single molecule studies; Fluorescence microscopy. Spectroscopic Propertie: λexc 649 nm, λem 670 nm, ε 250.0 L mmol-1 cm-1 (Tris-HCl pH 7.5).
Formula	C ₄₆ H ₆₀ N ₉ O ₂₁ P ₃ S ₂
Purity	≥ 95% (HPLC)
MW	Theoretical MW: 1232.07 g/mol (free acid); Detected MW: 1231.26 g/mol (free acid)
SMILES	<chem>C(=O)(NCCNC(=O)CCCCCN1c2ccc(S(=O)(=O)O)cc2C(C)(C)/C/1=C\C=C\C=C\C=C1=*(c2ccc(cc2C1(C)C)S(=O)(=O)[O-])CC)O[C@@H]1[C@H](n2cnc3c(N)ncnc23)O[C@H](CO[P@](=O)(O)OP(=O)(O)OP(=O)(O)O)[C@H]1O.C(=C\C=C1=*(CC)c2c(C1(C)C)cc(S(=O)(=O)[O-])cc2)/C=C/C=C\C1/N(c2c(C1(C)C)cc(cc2)S(=O)(=O)O)CCCCC(=O)NCCNC(=O)O[C@@H]1[C@@H](CO[P@](=O)(O)O[P@](=O)(O)OP(=O)(O)O)[C@@H](n2cnc3c(N)ncnc23)[C@H]1O</chem>
Expiration Date	12 months from date of receipt.