

Product Datasheet

2-Ethynyl-ATP (2-EATP) (orb178339)

Description	2-Ethynyl-labeled adenosine triphosphate (2-EATP) is suitable for in vitropolyadenylation of RNA wit...
Form/Appearance	solution in 100 mM Tris-HCl; Color: colorless to slightly yellow; pH: 7.5 ± 0.5
Concentration	10 mM-11 mM
Storage	store at -20 °C
Note	For research use only
Application notes	in vitro polyadenylation of RNA. Spectroscopic Propertie: λ _{max} 265 nm, ε 10.6 L mmol ⁻¹ cm ⁻¹ (Tris-HCl, pH 7.5).
Formula	C ₁₂ H ₁₆ N ₅ O ₁₃ P ₃
Purity	≥ 90% (HPLC), contains approx. 6% 2-Ethynyl-ADP
MW	Theoretical MW: 531.20 g/mol; Detected MW: 531.00 g/mol
SMILES	[C@@H]1([C@@H](O[C@@H]([C@H]1O)COP(=O)(OP(=O)(OP(=O)(O)O)O)O)n1cnc2c(nc(nc12)C#C)N)O
Expiration Date	12 months from date of receipt.