

Product Datasheet

ara-Adenosine-5'-triphosphate (ara-ATP) (orb63221)

Description	Vidarabine triphosphate, Sodium Salt
Form/Appearance	solution in water; 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	Isolation from marine sponge Tethya crypta; Antiviral properties; Substrate for poly(A) polymerase (gammaPAP). Spectroscopic Propertie: λ _{max} 259 nm, ε 15.3 L mmol ⁻¹ cm ⁻¹ (Tris-HCl, pH 7.5).
Formula	C ₁₀ H ₁₆ N ₅ O ₁₃ P ₃
Purity	≥ 95% (HPLC)
MW	Theoretical MW: 507.18 g/mol (free acid); Detected MW: 507.00 g/mol (free acid)
CAS Number	3714-60-1
SMILES	<chem>Nc1c2c(n([C@H]3[C@H]([C@@H]([C@H](O3)COP(=O)(O)OP(=O)(O)OP(=O)(O)O)O)cn2)ncn1</chem>
Expiration Date	12 months from date of receipt.