

Product Datasheet

2'-Mant-3'-dATP (orb533110)

Description	2'-Mant-3'-dATP
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	Spectroscopic Propertie: λ _{max} 255/355 nm, ε 23.3/5.8 L mmol ⁻¹ cm ⁻¹ , (Tris-HCl pH 7.5), λ _{exc} 355 nm, λ _{em} 448 nm.
Formula	C ₁₈ H ₂₃ N ₆ O ₁₃ P ₃
Purity	≥ 95% (HPLC)
MW	Theoretical MW: 624.33 g/mol (free acid); Detected MW: 624.05 g/mol (free acid)
CAS Number	313378-46-0
SMILES	<chem>CNc1ccccc1C(=O)O[C@@H]1C[C@H](O[C@H]1n1c2c(nc1)c(N)ncn2)COP(=O)(O)OP(=O)(O)OP(=O)(O)O</chem>
Expiration Date	12 months from date of receipt.