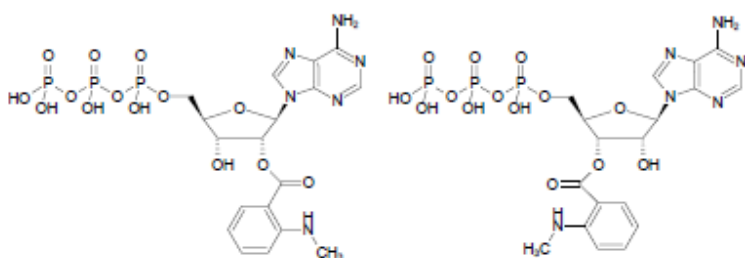


Product Information

18723 Mant-ATP triethylammonium salt solution

Molecular Formula:	C ₁₈ H ₂₃ N ₆ O ₁₄ P ₃ (free acid)
Molecular Weight:	640.33 g/mol (free acid)
Form:	clear aqueous solution
Concentration:	10 mM
pH:	7.5 +/-0.5
Spectroscopic Properties:	λ_{\max} 255/355 nm; λ_{exc} 355 nm; λ_{em} 448 nm; ϵ 23.3/5.8 L mmol ⁻¹ cm ⁻¹ (Tris-HCl pH 7.5)
Package quantity:	150 Units
Unit Definition:	1 unit = 1 ul of a 10 mM solution



Structural formula of Mant-ATP

Applications:

Conformational dynamic: DnaB/C-protein^[1], Csk^[2]
Inhibition of AC-isoforms^[3]
Fluorescence stop-flow kinetics: PKA^[4]
FRET: AC^[5], myosin V^[6]

Specific Ligands:

DnaC-protein^[7]
Factor Rho^[8]

Selected References:

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[4] Ni *et al.* (2000) Insights into nucleotide binding in protein kinase A using fluorescent adenosine derivatives. *Protein Science* **9**:1818.

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Storage Conditions: store at -20 °C, protect from light

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