Product Information

69258 Mant-dATP triethylammonium salt solution

Molecular Formula: \( \text{C}_{18}\text{H}_{23}\text{N}_{6}\text{O}_{13}\text{P}_{3} \) (free acid)
Molecular Weight: 624.33 g/mol (free acid)
Form: clear aqueous solution
Concentration: 10 mM
pH: 7.5 +/- 0.5
Spectroscopic Properties: 
\( \lambda_{\text{max}} \) 255/355 nm; \( \lambda_{\text{exc}} \) 355 nm; \( \lambda_{\text{em}} \) 448 nm;
\( \epsilon \) 23.3/5.8 L mmol\(^{-1}\) cm\(^{-1}\) (Tris-HCl pH 7.5)
Package quantity: 50 Units
Unit Definition: 1 unit = 1 ul of a 10 mM solution

![Structural formula of Mant-dATP](image)

Selected References:


Tung-Chung Mou et al. (2005) Structural Basis for the Inhibition of Mammalian Membrane Adenylyl Cyclase by 2'(3')-O-(N-Methylanthraniloyl)-guanosine 5'-Triphosphate. J. Biol. Chem. 280(8):7253.


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

Precautions and Disclaimer:
This product is for R&D use only, not for drug, household, or other uses. Please consult the Material Safety Data Sheet for information regarding hazards and safe handling practices.