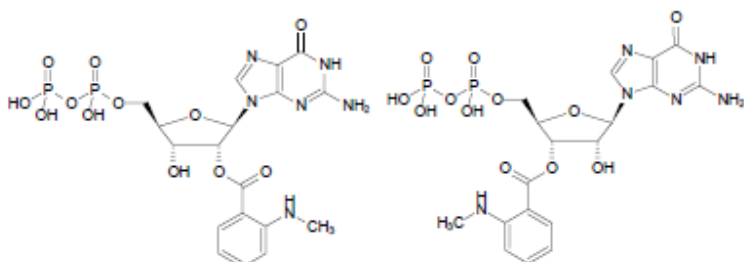


## Product Information

## 69244 Mant-GDP triethylammonium salt solution

Molecular Formula:	C <sub>18</sub> H <sub>22</sub> N <sub>6</sub> O <sub>12</sub> P <sub>3</sub> (free acid)
Molecular Weight:	576.35 g/mol (free acid)
Form:	clear aqueous solution
Concentration:	10 mM
pH:	7.5 +/-0.5
Spectroscopic Properties:	$\lambda_{\max}$ 252/355 nm; $\lambda_{\text{exc}}$ 355 nm; $\lambda_{\text{em}}$ 448 nm; $\epsilon$ 22.6/5.7 L mmol <sup>-1</sup> cm <sup>-1</sup> (Tris-HCl pH 7.5)
Package quantity:	150 Units
Unit Definition:	1 unit = 1 ul of a 10 mM solution



Structural formula of Mant-GDP

**Applications:**Conformational dynamic: DnaB/C-proteins<sup>[1]</sup>, Csk<sup>[2]</sup>Fluorescence stop-flow kinetics:  
release factor<sup>[3]</sup>, eIF5B<sup>[4]</sup>, EF-1B<sup>[5]</sup>, EF-Tu<sup>[6]</sup>FRET: AC<sup>[7]</sup>**Specific Ligands:**Translation factor: eIF5B<sup>[4]</sup>, EF1B2<sup>[5]</sup>, EF-Tu<sup>[6]</sup>Release factor<sup>[3]</sup>**Selected References:**

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

**Precautions and Disclaimer:**

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