

## Product Datasheet

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

<b>Description</b>	2'-Mant-3'-dATP
<b>Form/Appearance</b>	solution in water; Color: colorless to slightly yellow; pH: 7.5 ± 0.5
<b>Concentration</b>	10 mM-11 mM
<b>Storage</b>	store at -20 °C
<b>Note</b>	For research use only
<b>Application notes</b>	<b>Spectroscopic Propertie:</b> λ <sub>max</sub> 255/355 nm, ε 23.3/5.8 L mmol <sup>-1</sup> cm <sup>-1</sup> , (Tris-HCl pH 7.5), λ <sub>exc</sub> 355 nm, λ <sub>em</sub> 448 nm.
<b>Formula</b>	C <sub>18</sub> H <sub>23</sub> N <sub>6</sub> O <sub>13</sub> P <sub>3</sub>
<b>Purity</b>	≥ 95% (HPLC)
<b>MW</b>	Theoretical MW: 624.33 g/mol (free acid); Detected MW: 624.05 g/mol (free acid)
<b>CAS Number</b>	313378-46-0
<b>SMILES</b>	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
<b>Expiration Date</b>	12 months from date of receipt.