

Product Datasheet

Mant-GMP (orb533111)

Description	Mant-GMP
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} 252/355 nm, ε 22.6/5.7 L mmol ⁻¹ cm ⁻¹ , (Tris-HCl pH 7.5), λ _{exc} 355 nm, λ _{em} 448 nm.
Formula	C ₁₈ H ₂₁ N ₆ O ₉ P
Purity	≥ 95% (HPLC)
MW	Theoretical MW: 496.37 g/mol (free acid); Detected MW: 496.11 g/mol (free acid)
SMILES	<chem>N(C)c1ccccc1C(=O)O[C@H]1[C@H](n2cnc3c(=O)[nH]c(nc23)N)O[C@H](COP(=O)(O)O)[C@H]1O.N(C)c1ccccc1C(=O)O[C@@H]1[C@@H](COP(=O)(O)O)[C@@H](n2cnc3c(=O)[nH]c(nc23)N)[C@@H]1O</chem>
Expiration Date	12 months from date of receipt.