

Product Datasheet

Mant-GTP γ S (orb63422)

Description	Mant-GTP γ S
Form/Appearance	solution in water; Color: colorless to slightly yellow; pH: 7.5 $\pm$ 0.5
Concentration	10 mM-11 mM
Storage	store at -20 °C
Note	For research use only
Application notes	Inhibition of AC5, ACs. Spectroscopic Properties: 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. Specific Ligands: Initiation factor eIF5B.
Formula	C ₁₈ H ₂₃ N ₆ O ₁₄ P ₃ S
Purity	$\geq$ 90% (HPLC)
MW	Theoretical MW: 672.39 g/mol (free acid); Detected MW: 672.02 g/mol (free acid)
CAS Number	136749-24-1, 136749-26-3
SMILES	OP(=S)(O)OP(=O)(O)OP(=O)(O)OC[C@H]1O[C@@H](n2c3c(nc2)c(=O)[nH]c(n3)N)[C@H](OC(=O)c2c(NC)cccc2)[C@@H]1O.OP(=S)(O)OP(=O)(O)OP(=O)(O)OC[C@H]1O[C@@H](n2c3c(nc2)c(=O)[nH]c(n3)N)[C@H](O)[C@@H]1OC(=O)c1cccc1NC
Expiration Date	12 months from date of receipt.