

Product Datasheet

Mant-cGMP (orb533114)

Description	Mant-cGMP
Form/Appearance	solid; Color: colorless to slightly yellow
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 ₁₉ N ₆ O ₈ P
Purity	≥ 98% (HPLC)
MW	Theoretical MW: 478.35 g/mol (free acid); Detected MW: 478.10 g/mol (free acid)
CAS Number	83707-15-7
SMILES	<chem>N(C)c1ccccc1C(=O)O[C@H]1[C@H](n2cnc3c(=O)[nH]c(nc23)N)O[C@@H]2COP(=O)(O[C@@H]12)O</chem>
Expiration Date	12 months from date of receipt.