

Product Datasheet

ADP - Solid (orb65193)

Description	ADP - Solid
Form/Appearance	solid; Color: white to off-white
Storage	store at -20 °C
Note	For research use only
Application notes	Agonistic ligand, mainly for nucleoside receptor A1 Nucleoside-triphosphates can be converted by different membrane-bound phosphatases into nucleosides acting as nucleoside receptor ligands. In some cases nucleoside phosphates act also directly on nucleoside receptors. Spectroscopic Propertie: λ_{max} 259 nm, ϵ 15.4 L mmol⁻¹ cm⁻¹ (Tris-HCl, pH 7.5).
Formula	C ₁₀ H ₁₅ N ₅ O ₁₀ P ₂
Purity	≥ 95% (HPLC)
MW	Theoretical MW: 427.20 g/mol (free acid); Detected MW: 427.03 g/mol (free acid)
SMILES	OP(=O)(OP(=O)(O)O)OC[C@H]1O[C@@H](n2cnc3c(N)ncnc23)[C@H](O)[C@@H]1O
Expiration Date	12 months from date of receipt.