

Product Datasheet

ZDP (orb1734123)

Description	(AICAR diphosphate)
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. Short term exposure (up to 1 week cumulative) to ambient temperature possible
Note	For research use only
Application notes	Spectroscopic Propertie: λ_{max} 265 nm, ϵ 12.5 L mmol ⁻¹ cm ⁻¹ (Tris-HCl, pH 7.5).
Formula	C ₉ H ₁₆ N ₄ O ₁₁ P ₂
Purity	≥ 95% (HPLC)
MW	Theoretical MW: 418.19 g/mol (free acid); Detected MW: 418.03 g/mol (free acid)
SMILES	<chem>Nc1c(C(=O)N)ncn1[C@@H]1O[C@H](COP(=O)(OP(=O)(O)O)O)[C@@H](O)[C@H]1O</chem>
Expiration Date	12 months from date of receipt.