

Product Datasheet

ara-Cytidine-5'-diphosphate (ara-CDP) (orb1734119)

Description	Cytarabine 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} 271 nm, ε 8.9 L mmol ⁻¹ cm ⁻¹ (Tris-HCl, pH 7.0).
Formula	C ₉ H ₁₅ N ₃ O ₁₁ P ₂
Purity	≥ 95% (HPLC)
MW	Theoretical MW: 403.17 g/mol (free acid); Detected MW: 403.02 g/mol (free acid)
SMILES	<chem>O[C@@H]1[C@H](n2ccc(N)nc2=O)O[C@H](COP(=O)(O)OP(=O)(O)O)[C@@H]1O</chem>
Expiration Date	12 months from date of receipt.