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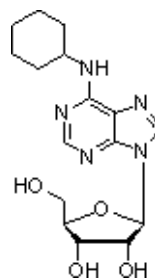
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Product Specification

Product Name:
N⁶-Cyclohexyladenosine

Product Number: **C9901**
CAS Number: 36396-99-3
Formula: C₁₆H₂₃N₅O₄
Formula Weight: 349.4 AMU



TEST

Specification

Appearance (Form)	Powder
Appearance (Colour)	White to White w/ Yellow Cast
Solubility (Solvent)	Methanol
Solubility (Conc)	49.00 - 51.00 mg/ml
Solubility (Heating)	Yes
Solubility (Turbidity)	Clear
Solubility (Color)	Colorless
Elemental Anal. (%C anhydrous)	54.50 - 55.50 %
Elemental Anal. (%N anhydrous)	19.54 - 20.54 %
Purity (TLC)	≥ 98.00 %
NMR (Solvent)	DMSO-d ₆
Identity by NMR	Consistent
NMR (Residual Solvent 1)	Ethanol
NMR (% Solvent 1)	≤ 5.00 %
NMR (Residual Solvent 2)	Diethylether
NMR (% Solvent 2)	≤ 5.00 %
NMR (Total % Resid.Solvents)	≤ 5.00 %
Specific Rotation (Solvent)	Ethanol
Specific Rotation (Conc)	4.50 - 5.50 mg/ml
Specific Rotation (Alpha D)	-70.00 - -55.00 deg
Storage Conditions	Protect From Light
Recommended Retest Period	-----
3 Years	

Specification: PRE.0.ZQ5.10000002683

Sigma-Aldrich warrants, that at the time of the quality release or subsequent retest date this product conformed to the information contained in this publication. The current Specification sheet may be available at Sigma-Aldrich.com. For further inquiries, please contact Technical Service. Purchaser must determine the suitability of the product for its particular use. See reverse side of invoice or packing slip for additional terms and conditions of sale.