

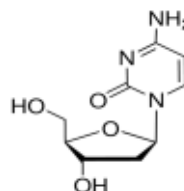
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Product Specification

Product Name:
2'-Deoxycytidine - ≥99% (HPLC)

Product Number: D3897
CAS Number: 951-77-9
MDL: MFCD00006547
Formula: C₉H₁₃N₃O₄
Formula Weight: 227.22 g/mol
Storage Temperature: -20 °C



TEST

Specification

Appearance (Color)	White to Off White
Appearance (Form)	Powder
Solubility (Color)	Colorless to Very Faint Yellow
Solubility (Turbidity)	Clear
50 mg/ml, H ₂ O	
Water (by Karl Fischer)	≤ 8 %
Carbon (anhydrous)	46.8 - 48.4 %
Nitrogen (anhydrous)	18.0 - 19.0 %
Purity (HPLC)	≥ 99 %
¹ H NMR Spectrum	Conforms to Structure

Specification: PRD.4.ZQ5.10000045925

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.