

3050 Spruce Street, Saint Louis, MO 63103, USA

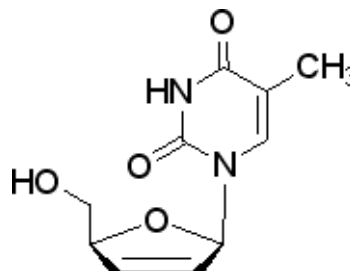
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Product Specification

Product Name:
2',3'-Didehydro-3'-deoxythymidine - ≥98% (TLC)

Product Number: **D1413**
CAS Number: 3056-17-5

Formula: C₁₀H₁₂N₂O₄
Formula Weight: 224.2 AMU



TEST

Specification

Appearance (Form)	Powder
Appearance (Colour)	White
Solubility (Solvent)	Water
Solubility (Conc)	49.00 - 51.00 mg/ml
Solubility (Turbidity)	Clear
Solubility (Color)	Colorless
Elemental Anal. (%C anhydrous)	53.07 - 54.07 %
Elemental Anal. (%N anhydrous)	12.00 - 13.00 %
Purity (TLC)	≥ 98.00 %
NMR (Solvent)	DMSO-d ₆
Identity by NMR	Consistent
Specific Rotation (Solvent)	Water
Specific Rotation (Conc)	6.30 - 7.70 mg/ml
Specific Rotation (Alpha D)	-47.00 - -41.00 deg
Recommended Retest Period	-----
3 Years	

Specification: PRE.0.ZQ5.1000002111

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.