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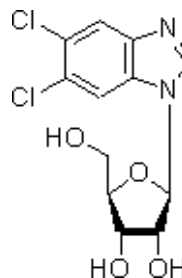
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Product Specification

Product Name:
5,6-Dichlorobenzimidazole 1-β-D-ribofuranoside

Product Number: **D1916**
CAS Number: 53-85-0

Formula: C₁₂H₁₂Cl₂N₂O₄
Formula Weight: 319.14 g/mol



TEST

Specification

Appearance (Form)	Powder
Appearance (Colour)	White to Light Yellow
Solubility (Solvent)	Ethanol
Solubility (Conc)	19.60 - 20.40 mg/ml
Solubility (Heating)	Yes
Solubility (Turbidity)	Clear
Solubility (Color)	Colorless to Faint Yellow
Elemental Anal. (%C anhydrous)	44.50 - 45.80 %
Elemental Anal. (%N anhydrous)	8.50 - 9.10 %
NMR (Solvent)	DMSO-d ₆
Identity by NMR	Consistent
Purity (HPLC)	≥ 98.00 %
Recommended Retest Period	-----
3 Years	

Specification: PRE.1.ZQ5.1000000610

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.