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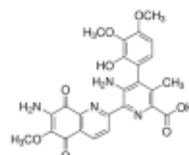
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Product Specification

Product Name:
Streptonigrin from *Streptomyces flocculus* - ≥98%

Product Number: **S1014**
CAS Number: 3930-19-6
Formula: C₂₅H₂₂N₄O₈
Formula Weight: 506.5 AMU



TEST	Specification
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Appearance (Form)	Powder
Appearance (Colour)	Very Dark Red and Very Dark Red-Brown
Solubility (Solvent)	CHCL ₃ /MeOH 1/1
Solubility (Conc)	1.90 - 2.10 mg/ml
Solubility (Heating)	Yes or No
Solubility (Turbidity)	Clear
Solubility (Color)	Very Dark Red and Very Dark Red-Brown
Elemental Anal. (%C anhydrous)	58.78 - 59.78 %
Elemental Anal. (%N anhydrous)	10.56 - 11.56 %
Purity (HPLC)	≥ 98.0 %
NMR (Solvent)	CDCl ₃
Proton NMR spectrum	Conforms to Structure
NMR (Residual Solvent 1)	Methanol
NMR (% Solvent 1)	≤ 1.00 %
Storage Conditions	Dessicated and Protected from Light
Recommended Retest Period	-----
3 Years	

Specification: PRE.3.ZQ5.10000002124

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.