

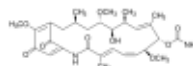
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## Product Specification

Product Name:  
Geldanamycin from *Streptomyces hygroscopicus* - ≥98% (HPLC), powder

Product Number: **G3381**  
CAS Number: 30562-34-6



Formula: C<sub>29</sub>H<sub>40</sub>N<sub>2</sub>O<sub>9</sub>  
Formula Weight: 560.6 AMU

TEST	Specification
Appearance (Form)	Powder
Appearance (Colour)	Yellow to Yellow-Orange
Solubility (Solvent)	Dichloromethane
Solubility (Conc)	4.90 - 5.10 mg/ml
Solubility (Heating)	Yes or No
Solubility (Turbidity)	Clear
Solubility (Color)	Yellow to Yellow-Orange
Elemental Anal. (%C anhydrous)	61.60 - 62.60 %
Elemental Anal. (%N anhydrous)	4.50 - 5.50 %
Purity (HPLC)	≥ 98.00 %
NMR (Solvent)	CDCl <sub>3</sub>
Identity by NMR	Consistent
NMR (Residual Solvent 1)	Diethylether
NMR (% Solvent 1)	≤ 2.00 %
NMR (Residual Solvent 2)	Dichloromethane
NMR (% Solvent 2)	≤ 2.00 %
NMR (Total % Resid.Solvents)	≤ 2.00 %
Recommended Retest Period	-----
5 Years	

Specification: PRE.0.ZQ5.10000005961

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](http://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.