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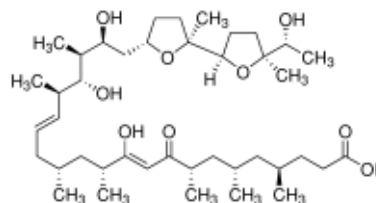
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## Product Specification

Product Name:  
Ionomycin from *Streptomyces conglobatus* - ≥98% (HPLC)

Product Number: **I9657**  
CAS Number: 56092-81-0

Formula: C<sub>41</sub>H<sub>72</sub>O<sub>9</sub>  
Formula Weight: 709.00 g/mol  
Storage Temperature: -20 °C



TEST	Specification
Appearance (Form)	Lyophilized Oil
Solubility (Solvent)	Acetonitrile
Solubility (Conc)	9.80 - 10.20 mg/ml
Solubility (Turbidity)	Clear
Solubility (Color)	Colorless to Light Yellow
NMR (Solvent)	CDCl <sub>3</sub>
Identity by NMR	Consistent
NMR (Residual Solvent 1)	Acetonitrile
NMR (% Solvent 1)	≤ 2.00 %
Purity (HPLC)	≥ 98.00 %
Vial Content (Overpack)	≤ 20.00 %
Storage Conditions	Under Argon
Recommended Retest Period	-----
2 Years	

Specification: PRE.0.ZQ5.10000002751

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.