

3050 Spruce Street, Saint Louis, MO 63103, USA

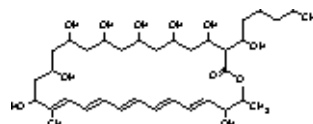
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Product Specification

Product Name:
Filipin III from *Streptomyces filipinensis* - ≥85% (HPLC)

Product Number: **F4767**
CAS Number: 480-49-9

Formula: C₃₅H₅₈O₁₁
Formula Weight: 654.8 AMU



TEST

Specification

| | |
|---------------------------|---------------------|
| Appearance (Form) | Powder |
| Appearance (Colour) | White to Yellow |
| Solubility (Solvent) | Methanol |
| Solubility (Conc) | 9.80 - 10.20 mg/ml |
| Solubility (Heating) | Yes or No |
| Solubility (Turbidity) | Clear |
| Solubility (Color) | Colorless to Yellow |
| Purity (HPLC) | ≥ 85.00 % |
| NMR (Solvent) | CD ₃ OD |
| Identity by NMR | Consistent |
| UV (Solvent) | Methanol |
| UV (Lambda max 1) | 320 - 324 nm |
| UV (E1% at Lambda max 1) | ≥ 680.00 |
| UV (Lambda max 2) | 337 - 341 nm |
| UV (E1% at Lambda max 2) | ≥ 1090.00 |
| UV (Lambda max 3) | 353 - 357 nm |
| UV (E1% at Lambda max 3) | ≥ 1070.00 |
| Storage Conditions | Under Argon |
| Recommended Retest Period | ----- |
| 2 Years | |

Specification: PRE.1.ZQ5.10000001201

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.