

3050 Spruce Street, Saint Louis, MO 63103, USA

Website: www.sigmaaldrich.comEmail USA: techserv@sial.comOutside USA: eurtechserv@sial.com

Product Specification

Product Name:
Gliotoxin from Gliocladium fimbriatum

Product Number: **G9893**
CAS Number: 67-99-2

Formula: C₁₃H₁₄N₂O₄S₂
Formula Weight: 326.4 AMU

| TEST | Specification |
|--------------------------------|---------------------------|
| Appearance (Form) | Powder |
| Appearance (Colour) | White to Light Yellow |
| Solubility (Solvent) | Chloroform |
| Solubility (Conc) | 9.80 - 10.20 mg/ml |
| Solubility (Turbidity) | Clear |
| Solubility (Color) | Colorless to Light Yellow |
| Elemental Anal. (%C anhydrous) | 47.44 - 48.24 % |
| Elemental Anal. (%N anhydrous) | 8.18 - 8.98 % |
| NMR (Solvent) | CDCl ₃ |
| Identity by NMR | Consistent |
| Purity (HPLC) | ≥ 98.0 % |
| Initial Melting Point | ≥ 200 °C |
| Final Melting Point | ≤ 205 °C |
| Storage Conditions | Desiccated |
| Recommended Retest Period | ----- |
| 2 Years | |

Specification: PRE.1.ZQ5.10000002037

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.