

CERTIFICATE OF ANALYSIS

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| PRODUCT: | Cytochalasin A Source: <i>Drechslera dematoidea</i> C ₂₉ H ₃₅ NO ₅ , M.W. 477.6, CAS# [14110-64-6] |
| PRODUCT NUMBER: | C-1111 |
| LOT NUMBER: | G1206B |
| APPEARANCE: | White Powder |
| SOLUBILITY: | Soluble in DMSO, or Dichloromethane (10 mg/ml) |
| PURITY (HPLC): | 99% |
| NMR: | Conforms |
| MELTING POINT: | 190-193°C |
| DESCRIPTION: | One member of a group of fungal metabolites which inhibits actin polymerization. Reacts with glutathione and inhibits neutrophil chemotaxis. Inhibits glucose transport by competitively binding to glucose transporters, $K_i = \mu 4M^4$. Cell permeable. |
| STORAGE & HANDLING: | Store at -20°C. PROTECT FROM LIGHT! <u>WARNING:</u> TOXIC! |

CAUTION: For laboratory research & scientific manufacturing use only. Not for human or drug use. The pharmacological and toxicological properties of this product have not been fully investigated. Use caution when handling. Do not use this compound if you are not fully trained or are unaware of the hazards involved.

Verified: KLS