

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2023-09-05 13:30:28  
 Date of Next Testing: 2027-09-04 13:30:28  
 Product Name: **Triacsin C from Streptomyces sp.**  
 CAS Number: 76896-80-5  
 Specifications & Purity: 94%  
 Lot #: K1908036  
 SKU #: **T139793**  
**Analysis: 271558**  
 Storage Temperature: Protected from light, Store at -20°C, Argon charged

Parameter	Limit Values	Result
Purity(TLC, EtOAc: PE 1:3)	94-100 (%)	98.00%
Melting point	103-104 (°C)	103.60000 °C
Purity (RP C18, Gradient of 0.1%TFA in H <sub>2</sub> O→CH <sub>3</sub> CN, CH <sub>3</sub> CN program advance from 30% to 100% , 304nm)	90-100 (%)	98.00000%
Appearance (T139793)	Off-white to yellow powder	off-white to yellow powder
Proton NMR spectrum	Conforms to structure	Conforms to Structure
Solubility in DMSO , Clear Colorless to yellowish to yellow, 10 mg/ml	pass	Pass
Solubility in MeOH , Clear colorless to yellowish to yellow solution at 5mg/ml	pass	Pass



John Su  
QA & QC Manager