

Certificate of Analysis

Date of Testing: 2025-05-20 16:14:50

Date of Next Testing: 2027-05-20 16:14:50

Product Name: **Trichostatin A**

CAS Number: 58880-19-6

Specifications & Purity: Moligand™, ≥98%

Lot #: E2514058

SKU #: **T129665**

Version: **1**

Analysis #: **461289**

Storage Temperature: Store at -20°C

Parameter	Limit Values	Result
Purity(HPLC)	98-100 (%)	98.19000 %
Optical purity(HPLC)(ee)	95-100 (%)	95.01 %
Specific Rotation [α] _{20/D} (c=0.13 in EtOH)	89-103 (°)	96.00000 °
Carbon by Elemental Analysis(anhydrous)	65-68 (%)	65.20 %
Nitrogen by Elemental Analysis (anhydrous)	8.5-9.8 (%)	8.61 %
Appearance (T129665Color)	Pale Yellow to Off-White to White to Orange-Green	Pale Yellow to Off-White to White to Orange-Green
Appearance (T129665Form)	Powder to crystal	Powder to crystal
NMR spectrum	Conforms to Structure	Conforms to Structure



John Su
QA & QC Manager