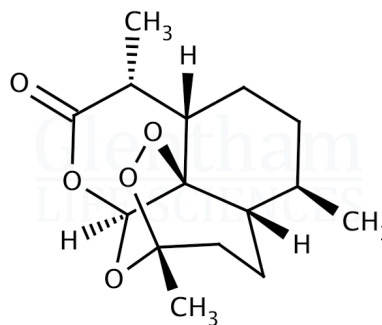


Certificate of Analysis

Product Name	Artemisinin
Glentham Code	GP0718
CAS Number	63968-64-9
MDL Number	MFCD00081057
PubChem SID	310267037
Batch Number	535TJX

Molecular Weight	282.33
Molecular Formula	C ₁₅ H ₂₂ O ₅
Storage Temp.	-20°C



Property	Specification	Batch 535TJX
Physical Description	White to off-white crystalline powder	White crystalline powder
Identification (IR)	To conform to standard	Conforms
Specific Optical Rotation ([α] _{20/D})	+70 - +80 ° (c=0.5, methanol)	+70 °
Melting Point	151.0 - 156.0 °C	155.0 °C
Loss on Drying	≤ 1.0%	0.08%
Assay (HPLC)	≥ 98.0%	98.6%

Specification Version	v1.0
Manufacture Date	2019-09-17
Re-Test Date	2030-01-17

Glentham Life Sciences confirm that the above referenced product conformed to the information displayed in this document on the quality release date. Please check www.glentham.com or contact us using the details above for the current version of this document.

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