

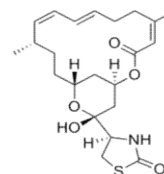
Certificate of Analysis



Product Identification

Catalog number	HB0375
Compound name	Latrunculin A
Chemical name	4-[(1R,4Z,8E,10Z,12S,15R,17R)-17-Hydroxy-5,12-dimethyl-3-oxo-2,16-dioxabicyclo[13.3.1]nonadeca-4,8,10-trien-17-yl]-2-thiazolidinone
Batch number	E2520-1-1
Batch molecular formula	C ₂₂ H ₃₁ NO ₅ S
Batch molecular weight	421.55

Chemical Structure



Method

QC requirement

QC Result

HPLC	Reverse Phase HPLC shows >97% purity	Meets specification: 97.0%
NMR	1H NMR consistent with structure	Meets specification
Physical appearance	White to colourless film	Meets specification: colourless viscous film
Solubility	Soluble in DMSO (25 mg/ml) and in ethanol (25 mg/ml)	Meets specification

Produced by

Signature

Passed by

Signature

Date

22/01/2024

This product is for RESEARCH USE ONLY and is not intended for therapeutic or diagnostic use. Not for human or veterinary use.