

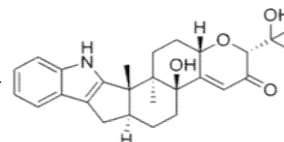
Certificate of Analysis



Product Identification

Catalog number HB1056
Compound name Paxilline
Chemical name (2R,4bS,6aS,12bS,12cR,14aS)-5,6,6a, 7,12,12b,12c,13,14,14a-Decahydro-4b-hydroxy-2-(1-hydroxy-1-methylethyl)-12b,12c-dimethyl-2H-pyrano[2'',3'':5',6']benz[1',2':6,7]indeno[1,2-b]indol-3(4bH)-one
Batch number E2519-1-1
Batch molecular formula C₂₇H₃₃NO₄
Batch molecular weight 435.56

Chemical Structure



Method

QC requirement

QC Result

HPLC	Reverse Phase HPLC shows >98% purity	Meets specification: 98.9%
NMR	1H NMR consistent with structure	Meets specification
Physical appearance	White to off-white solid	Meets specification: Off-white solid
Solubility	Soluble in DMSO (1 mg/ml) and in ethanol (1 mg/ml)	Meets specification

Produced by Richard Patterson

Signature

Passed by Steve Roome

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.