



CERTIFICATE OF ANALYSIS

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1. Identification

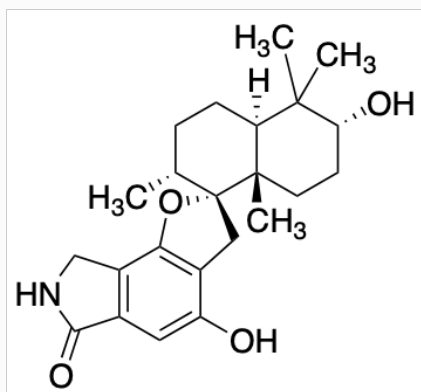
Catalogue Number: S687303

CAS Number: 163391-76-2

Product: Stachybotrylactam

Synonym: (1'R,2'R,4'aS,6'R,8'aS)-3',4',4'a,5',6',7,7',8,8',8'a-Decahydro-4,6'-dihydroxy-2',5',5',8'a-tetramethylspiro[2H-furo[2,3-e]isoindole-2,1'(2'H)-naphthalen]-6(3H)-one; Stachybotrylactam; [1'R-(1'a,2'a,4'aa,6'a,8'aβ)]-3',4',4'a,5',6',7,7',8,8',8'a-Decahydro-4,6'-dihydroxy-2',5',5',8'a-tetramethyl-spiro[2H-furo[2,3-e]isoindole-2,1'(2'H)-naphthalen]-6(3H)-one

Structure:



Molecular Formula:

C₂₃H₃₁NO₄

Molecular weight:

385.5

Source of Product:

N/A

Solubility:

DMSO (Slightly), Methanol (Slightly)

Lot Number: 59-GHZ-147-1

Purity: 97%

Shipping Condition: This Product Is Stable To Be Shipped At Room Temperature

Storage Condition: -20°C

2. Warning

Warning 1:

Warning 2:

Warning 3:

3. Analytical Information

Tests:	Specifications:	Results:
Appearance	White to Off-White Solid	White to Off-White Solid
NMR	Conforms to Structure	Conforms
Elemental Analysis	Conforms	%C: 66.20, %H: 8.68, %N: 3.35
MS	Conforms to Structure	Conforms
Water Content	Report Result	~7.6% based on Elemental Analysis
HPLC Purity	Report Result	97.86% (220 nm)

Additional Information: N/A

Purity is based on the analytical results of the tests performed. NMR and Elemental Analysis (if available) may have an accuracy of ± 2%. Isotopic purity is based on mass distribution observed. The contents of the specifications are subject to change without advance notice, and the specification values displayed here are the most up to date values.

4. Signatures

Reviewed By

Neha Khanna



Reviewed By

Toni Rantanen



**C of A Approved
By**

Christina Gouliaras



Test Date

12/21/2021

Retest Date

12/19/2025