



1. Identification

Catalogue Number

D232550

Lot Number

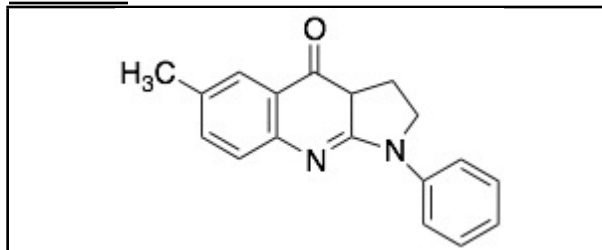
3-SHG-120-1

Product Name

Deoxy Blebbistatin

Synonyms

1,2,3,9-Tetrahydro-6-methyl-1-phenyl-4H-pyrrolo[2,3-b]quinolin-4-one;

StructureCAS Number

856925-72-9

SolubilityDMSO (Slightly), Ethyl Acetate
(Slightly)Shipping ConditionThis Product Is Stable To Be Shipped At Room
TemperatureMolecular Formula $C_{18}H_{16}N_2O$ Source of Product

Synthetic

Long Term Storage Conditions

-20°C

Molecular Weight

276.33

Purity

>95%

2. Warnings

Not Determined

3. Analytical Information

Tests

Appearance

Specifications

Pale Orange to Light Orange Solid

Results

Light Orange Solid

NMR

Conforms to Structure

Conforms

Elemental Analysis

Conforms

%C: 71.11, %H: 6.42, %N: 9.26

HPLC Purity

>95%

99.74% (225 nm)

MS

Conforms to Structure

Conforms

Water Content

Report Result

8.7%

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 $\pm 2\%$. 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

Nicole Yip

Product Quality Specialist

Reviewed by

Toni Rantanen

Manager, Quality Assurance

C of A Approved by

Sadaf Samadi

Quality Assurance Associate

Test Date

12/19/2024

Retest Date

12/17/2028