



CERTIFICATE OF ANALYSIS

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1. Identification

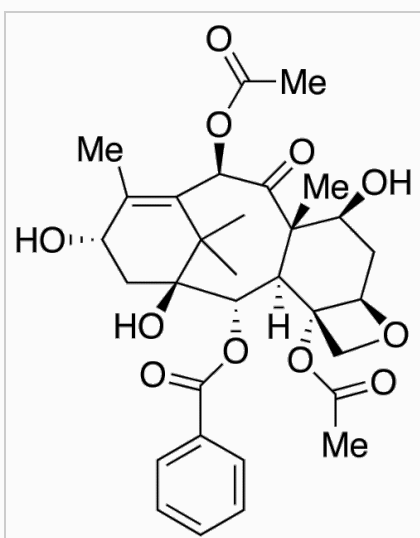
Catalogue Number: B101000

CAS Number: 27548-93-2

Product: Baccatin III

Synonym: (2aR,4S,4aS,6R,9S,11S,12S,12aR,12bS)-6,12b-Bis(acetyloxy)-12-(benzoyloxy)-1,2a,3,4,4a,6,9,10,11,12,12a,12b-dodecahydro-4,9,11-trihydroxy-4a,8,13,13-tetramethyl-7,11-methano-5H-cyclodeca[3,4]benz[1,2-b]oxet-5-one; NSC 330753; Paclitaxel - Impurity N

Structure:



Molecular Formula:

C₃₁H₃₈O₁₁

Molecular weight:

586.63

Source of Product:

N/A

Solubility:

Chloroform (Sparingly, Sonicated), Methanol (Slightly)

Lot Number: 19-GHZ-20-1

Purity: 96%

Shipping Condition: This Product Is Stable To Be Shipped With Blue Ice

Storage Condition: -20°C

2. Warning

Warning 1: Not Determined

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: 61.30, %H: 6.32
MS	Conforms to Structure	Conforms
Specific Rotation	Report Result	-93.0° (c = 1.0, Chloroform)
HPLC Purity	Report Result	99.50% (235 nm)

Additional Information:

TLC Conditions: SiO₂; Dichloromethane : Methanol = 9:1; Visualized with UV and AMCS; Single Spot, R_f = 0.50. Elemental Analysis: (Theoretical) %C: 63.47, %H: 6.53. Contains: ~2.4% Acetone

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**

My Nguyen

**Test Date**

12/4/2019

Retest Date

12/2/2026