



CERTIFICATE OF ANALYSIS

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1. Identification

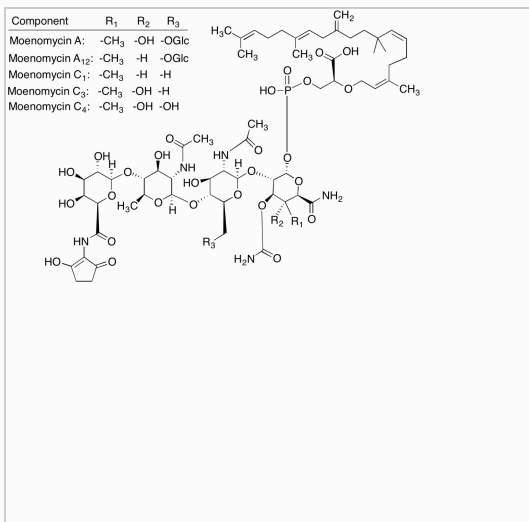
Catalogue Number: M485378

CAS Number: 11015-37-5

Product: Moenomycin Complex (>80%) (Mixture of Moenomycin A, Moenomycin A12, Moenomycin C1, Moenomycin C3, Moenomycin C4)

Synonym:

Structure:



Molecular Formula:

C₆₉H₁₀₈N₅O₃₄P •
C₆₈H₁₀₆N₅O₃₄P • C
62H₉₆N₅O₂₈P • C
63H₉₈N₅O₂₈P • C 63H₉₈N₅O

Molecular weight:

1582.60 + 1568.57 +
1390.43 + 1404.46 +
1420.46

Source of Product:

N/A

Solubility:

DMSO (Slightly, Heated),
Methanol (Slightly, Sonicated)

Lot Number: 11-SUM-53-1

Purity: >80%

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:

LC-MS

Conforms to Structure

Conforms

Appearance

Pale Yellow to Brown Solid

Pale Beige to Brown Solid

NMR

Conforms to Structure

Conforms

Elemental Analysis

Conforms

%C: 47.92, %H: 6.92, %N: 4.17

MS

Conforms to Structure

Conforms

HPLC Purity

Report Result

95.06% (260 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

Henry Tieu



Reviewed By

Toni Rantanen



**C of A Approved
By**

Chanell Chu



Test Date

1/14/2022

Retest Date

1/12/2026