



CERTIFICATE OF ANALYSIS

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1. Identification

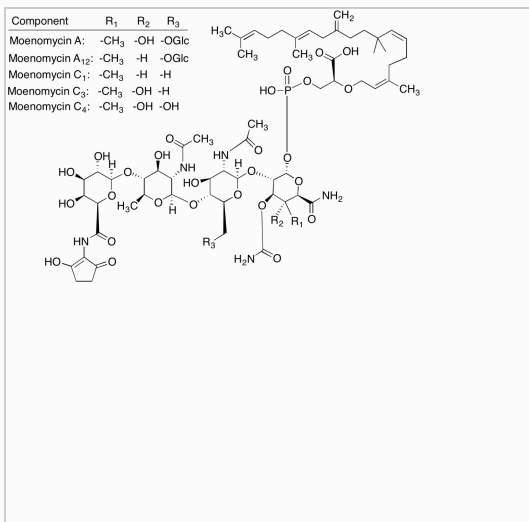
Catalogue Number: M485378

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: 19-SBL-162-1

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:
Elemental Analysis	Conforms	%C: 48.56, %H: 6.93, %N: 4.36
Appearance	Pale Yellow to Brown Solid	Pale Yellow to Light Brown Solid
LC-MS	Conforms to Structure	Conforms
NMR	Conforms to Structure	Conforms
P NMR	Conforms to Structure	Conforms
HPLC Purity	Report Result	95.42% (260 nm)

Additional Information:

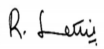
N/A

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

Swathi Reddy



Reviewed By

Toni Rantanen



**C of A Approved
By**

Chanell Chu



Test Date

11/25/2021

Retest Date

11/23/2025