Certificate of Analysis

Ac-Lys-Val-Cit-PABC-MMAE (formic)

Cat. No.: HY-147286A **Batch No.:** 236953

Chemical Name: L-Valinamide, N-[[[4-[[N2-acetyl-L-lysyl-L-valyl-N5-(aminocarbonyl)-L-ornithyl]amino]phenyl]m

ethoxy]carbonyl]-N-methyl-L-valyl-N-[(1S,2R)-4-[(2S)-2-[(1R,2R)-3-[[(1R,2S)-2-hydroxy-1-methyl-2-phenylethyl]amino]-1-methoxy-2-methyl-3-oxopropyl]-1-pyrrolidinyl]-2-methoxy-1-[(1S)-1-methyl-3-oxopropyl]-1-pyrrolidinyl]-2-methoxy-1-[(1S)-1-methyl-3-oxopropyl]-1-pyrrolidinyl]-2-methoxy-1-[(1S)-1-methyl-3-oxopropyl]-1-pyrrolidinyl]-2-methoxy-1-[(1S)-1-methyl-3-oxopropyl]-1-pyrrolidinyl]-1-pyrroli

ethylpropyl]-4-oxobutyl]-N-methyl- (formate)

PHYSICAL AND CHEMICAL PROPERTIES

Molecular Formula: $C_{67}H_{110}N_{12}O_{16}$

Molecular Weight: 1339.66

Storage: -20°C, sealed storage, away from moisture and light

* In solvent: -80°C, 6 months; -20°C, 1 month (sealed storage, away from moisture and

light)

Chemical Structure:

ANALYTICAL DATA

Appearance: White to off-white (Solid)

¹ H NMR Spectrum: Consistent with structure

LCMS: Consistent with structure

Purity (HPLC): 99.96%

Conclusion: The product has been tested and complies with the given specifications.

Caution: Product has not been fully validated for medical applications. For research use only.

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