Certificate of Analysis

MC-Val-Cit-PAB-clindamycin

Cat. No.: HY-128907
CAS No.: 1639793-13-7
Batch No.: 295755

Chemical Name: (2S,4R)-2-(((1S,2S)-2-Chloro-1-((2R,3R,4S,5R,6R)-3,4,5-trihydroxy-6-(methylthio)tetrahydro-2H-p

yran-2-yl)propyl) carbamoyl)-1-(4-((S)-2-((S)-2-(6-(2,5-dioxo-2,5-dihydro-1H-pyrrol-1-yl)) hexanamido)-3-methylbutanamido)-5-ureidopentanamido) benzyl)-1-methyl-4-propylpyrrolidin-1-iumido) henzyl)-1-methyl-4-propylpyrrolidin-1-iumido) henzyl

PHYSICAL AND CHEMICAL PROPERTIES

Molecular Formula: C₄₆H₇₂Cl₂N₈O₁₁S

Molecular Weight: 1016.08

Storage: 4°C, sealed storage, away from moisture

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

Chemical Structure:

ANALYTICAL DATA

Appearance: White to off-white (Solid)

¹ H NMR Spectrum: Consistent with structure

MS: Consistent with structure

Purity (HPLC): 99.99%

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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