Certificate of Analysis

Clindamycin palmitate (hydrochloride)

Cat. No.: HY-B1454

CAS No.: 25507-04-4

Batch No.: 64159

Chemical Name: L-threo-α-D-galacto-Octopyranoside, methyl 7-chloro-6,7,8-trideoxy-6-[[[(2S,4R)-1-methyl-4-propyl-2-pyrrolidinyl]carbonyl]amino]-1-thio-, 2-hexadecanoate, monohydrochloride

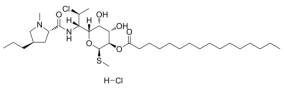
PHYSICAL AND CHEMICAL PROPERTIES

Molecular Formula: $C_{34}H_{64}Cl_2N_2O_6S$

Molecular Weight: 699.85

Storage: 4°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 (LCMS): 98.19%

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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