Certificate of Analysis

Clindamycin

Cat. No.: HY-B1455 CAS No.: 18323-44-9 Batch No.: 383021

Chemical Name: L-threo-α-D-galacto-Octopyranoside, methyl 7-chloro-6,7,8-trideoxy-6-[[[(2S,4R)-1-methyl-4-pro

pyl-2-pyrrolidinyl]carbonyl]amino]-1-thio-

PHYSICAL AND CHEMICAL PROPERTIES

Molecular Formula: $\mathsf{C}_{18}\mathsf{H}_{33}\mathsf{CIN}_2\mathsf{O}_5\mathsf{S}$

Molecular Weight: 424.98

Storage: -20°C, protect from light

* In solvent: -80°C, 6 months; -20°C, 1 month (protect from light)

Chemical Structure:

ANALYTICAL DATA

White to light yellow (Solid) Appearance: ¹H NMR Spectrum: Consistent with structure MS: Consistent with structure

Purity (HPLC): 99.90%

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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