

Certificate of Analysis

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 Product Name
 : Fidaxomicin

 Cat. No.
 : PC-45367

 CAS No.
 : 873857-62-6

 Batch No.
 : PC-4536701

Chemical Name : Oxacyclooctadeca-3,5,9,13,15-pentaen-2-one, 3-[[[6-deoxy-4-O-(3,5-dichloro-2-ethyl-4,6-

 $\label{eq:continuous} dihydroxybenzoyl)-2-O-methyl-\beta-D-mannopyranosyl]oxy]methyl]-12-[[6-deoxy-5-C-methyl-4-O-(2-methyl-1-oxopropyl)-\beta-D-lyxo-hexopyranosyl]oxy]-11-ethyl-8-hydroxy-18-[(1R)-1-mannopyranosyl]oxy]-11-ethyl-8-hydroxy-18-[(1R)-1-mannopyranosyl]oxy]-11-ethyl-8-hydroxy-18-[(1R)-1-mannopyranosyl]oxy]-11-ethyl-8-hydroxy-18-[(1R)-1-mannopyranosyl]oxy]-11-ethyl-8-hydroxy-18-[(1R)-1-mannopyranosyl]oxy]-11-ethyl-8-hydroxy-18-[(1R)-1-mannopyranosyl]oxy]-11-ethyl-8-hydroxy-18-[(1R)-1-mannopyranosyl]oxy]-11-ethyl-8-hydroxy-18-[(1R)-1-mannopyranosyl]oxy]-11-ethyl-8-hydroxy-18-[(1R)-1-mannopyranosyl]oxy]-11-ethyl-8-hydroxy-18-[(1R)-1-mannopyranosyl]oxy]-11-ethyl-8-hydroxy-18-[(1R)-1-mannopyranosyl]oxy]-11-ethyl-8-hydroxy-18-[(1R)-1-mannopyranosyl]oxy]-11-ethyl-8-hydroxy-18-[(1R)-1-mannopyranosyl]oxy]-11-ethyl-8-hydroxy-18-[(1R)-1-mannopyranosyl]oxy]-11-ethyl-8-hydroxy-18-[(1R)-1-mannopyranosyl]oxy]-11-ethyl-8-hydroxy-18-[(1R)-1-mannopyranosyl]oxy-18-[$

PHYSICAL AND CHEMICAL PROPERTIES

 $\begin{array}{lll} \textbf{Molecular Weight} & : & 1058.039 \\ \textbf{Molecular Formula} & : & C_{52} H_{74} C I_2 O_{18} \\ \end{array}$

Storage : Powder -20°C 3 years

4°C 2 years

In solvent -80°C 6 months

-20°C 1 month

Chemical Structure:

ANALYTICAL DATA

Appearance : Solid powder

HNMR Spectrum : Consistent with
HPLC : Consistent with
NP : Consistent with

Purity (HPLC) : >98%

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

Caution: Product has not been fully validated for medical applications. Lab Use Only!

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