Certificate of Analysis

Enfumafungin

Cat. No.: HY-N8537
CAS No.: 260979-95-1
Batch No.: 263560

Chemical Name: 4H-1,4a-Propano-2H-phenanthro[1,2-c]pyran-7-carboxylic acid, 14-(acetyloxy)-8-[(1R)-1,2-dimet

hylpropyl]-15- $(\beta$ -D-glucopyranosyloxy)-1,6,6a,7,8,9,10,10a,10b,11,12,12a-dodecahydro-4-hydro

xy-1,6a,8,10a-tetramethyl-, (1S,4aR,6aS,7R,8R,10aR,10bR,12aS,14R,15R)-

PHYSICAL AND CHEMICAL PROPERTIES

 $\begin{tabular}{lll} \begin{tabular}{lll} Molecular Formula: & $C_{38}H_{60}O_{12}$ \\ \begin{tabular}{lll} Molecular Weight: & 708.88 \\ \end{tabular}$

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: White to off-white (Solid)

¹ H NMR Spectrum: Consistent with structure

MS: Consistent with structure

Purity (HPLC): 99.76%

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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