Certificate of Analysis

Antimicrobial agent-8

Cat. No.: HY-151402 **Batch No.:** 310197

Chemical Name: 6,6'-(2-Benzylpiperazine-1,4-diyl)bis(N2,N2-bis(2-aminoethyl)-N4-benzyl-1,3,5-triazine-2,4-diam

ine)

PHYSICAL AND CHEMICAL PROPERTIES

 $\label{eq:c39H54N16} \begin{tabular}{ll} Molecular Formula: & $C_{39}H_{54}N_{16}$ \\ \begin{tabular}{ll} Molecular Weight: & 746.95 \\ \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

LCMS: Consistent with structure

Purity (HPLC): 95.12%

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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