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**Certificate of Analysis**

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Product Name: GR 231118  
Cat. No.: GC15082  
Batch No.: 1  
Chemical Name: (6S,9Z,12Z,13Z,14aS,20S,23Z,26Z,27Z,28aS)-6,20-bis((Z)-((2S,3S)-2-amino-1-hydroxy-3-methylpentylidene)amino)-N'12,N'26-bis((6S,7Z,9S,10Z,12S,13Z,15S)-1-amino-12-(3-guanidinopropyl)-8,11,14-trihydroxy-6-((Z)-hydroxy(((S)-1-hydroxy-3-(4-hydroxyphenyl)-1-imi

**PHYSICAL AND CHEMICAL PROPERTIES**

Cas. No.: 158859-98-4  
Molecular Formula: C<sub>110</sub>H<sub>170</sub>N<sub>34</sub>O<sub>24</sub>  
Molecular Weight: 2352.77  
Storage: Desiccate at -20°C  
Chemical Structure:

**ANALYTICAL DATA**

Appearance: solid  
HNMR: Consistent with structure  
HPLC: Consistent with structure  
Purity: >98%  
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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