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## Certificate of Analysis

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Product Name: Lys-γ3-MSH

Cat. No.: GC13806

Batch No.: 1

Chemical Name: (2S,3Z,6Z,8S,9Z,12Z,14S,15Z,17S,18Z,21Z,23S,24Z,26S,27Z,29S,30Z,32S,33Z,35S,36Z,38S,39Z,41S,42Z,45Z,47S,48Z,50S,51Z,53S)-53-((Z)-((2S,3Z,5S,6Z,8S,9Z,11S,12Z,15Z,17S,18Z,20S,21Z,23S,24Z,26S)-11-((1H-imidazol-5-yl)methyl)-2-((1H-indol-3-yl)methyl)-26,30-dia

### PHYSICAL AND CHEMICAL PROPERTIES

Cas. No.: 156159-18-1  
Molecular Formula:  $C_{128}H_{193}N_{45}O_{39}S$   
Molecular Weight: 3018.27  
Storage: Store 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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