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## Certificate of Analysis

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Product Name: [Ala113]-MBP (104-118)

Cat. No.: GC15345

Batch No.: 1

Chemical Name: (2S,3Z,6Z,8S,9Z,11S,12Z,14S,15Z,17S,18Z,20S,21Z,23S,24Z,26S,27Z,29S,30Z,33Z,35S,36Z,39Z,41S,42Z)-8-((1H-indol-3-yl)methyl)-44-amino-41-(4-aminobutyl)-14-benzyl-35-(3-guanidinopropyl)-4,7,10,13,16,19,22,25,28,31,34,37,40,43-tetradecahydroxy-11,20,26-tris(h

### PHYSICAL AND CHEMICAL PROPERTIES

Cas. No.: 99026-78-5  
Molecular Formula:  $C_{67}H_{104}N_{20}O_{19}$   
Molecular Weight: 1493.68  
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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