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## Certificate of Analysis

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Product Name: [D-Phe12]-Bombesin

Cat. No.: GC15163

Batch No.: 1

Chemical Name: (S,Z)-N<sup>1</sup>-((5S,6Z,8S,9Z,11R,12Z,15Z,17S,18Z,20S,21Z,23S,24Z,26S,27Z,29S,30Z,33Z,35S,36Z,38S)-23-((1H-indol-3-yl)methyl)-43-amino-11-benzyl-7,10,13,16,19,22,25,28,31,34,37-undecahydroxy-5-(hydroxy(imino)methyl)-29-(2-hydroxy-2-iminoethyl)-26-(3-hydroxy-3-i

### PHYSICAL AND CHEMICAL PROPERTIES

Cas. No.: 108437-87-2  
Molecular Formula: C<sub>74</sub>H<sub>112</sub>N<sub>22</sub>O<sub>18</sub>S  
Molecular Weight: 1629.9  
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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