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## Certificate of Analysis

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Product Name: (D-Pro<sup>4</sup>,D-Trp<sup>7,9,10</sup>)-Substance P (4-11)  
Cat. No.: GA20154  
Batch No.: 1  
Chemical Name:

### PHYSICAL AND CHEMICAL PROPERTIES

Cas. No.: 86917-57-9  
Molecular Formula: C<sub>62</sub>H<sub>74</sub>N<sub>14</sub>O<sub>10</sub>S  
Molecular Weight: 1207.42  
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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