



## Certificate of Analysis

|              |          |
|--------------|----------|
| Product Name | COG-1410 |
| Catalog No.  | V18598   |
| Batch No.    | V1859801 |

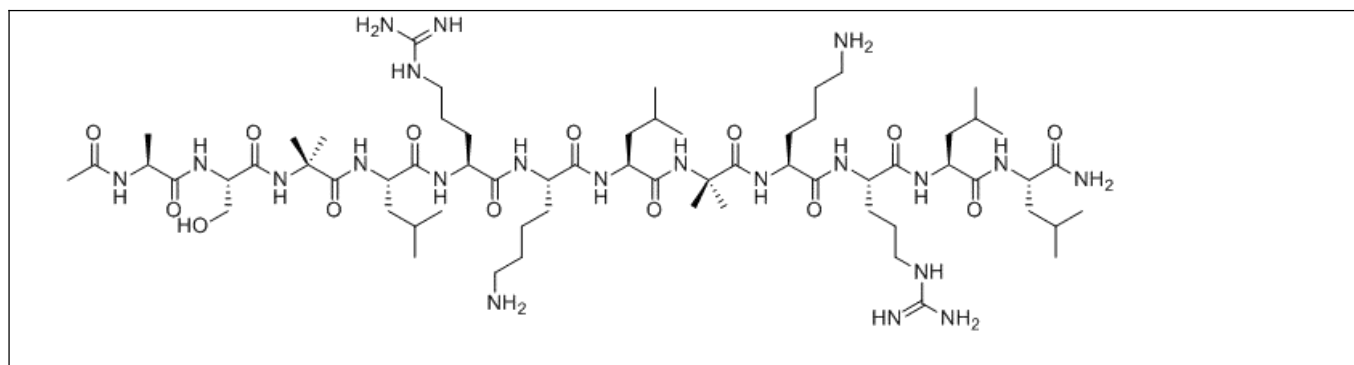
### 1. Physical and Chemical Properties

|                   |                                                                  |
|-------------------|------------------------------------------------------------------|
| Appearance        | Powder                                                           |
| Molecular Formula | C <sub>64</sub> H <sub>121</sub> N <sub>21</sub> O <sub>14</sub> |
| Molecular Weight  | 1408.8                                                           |
| Purity            | ≥98.0%                                                           |
| CAS No.           | 878009-24-6                                                      |

### 2. Analytical Data

|               |                           |
|---------------|---------------------------|
| HPLC          | Indicates ≥98.0% purity   |
| NMR           | Consistent with structure |
| Mass Spectrum | Consistent with structure |

### 3. Structure



### 4. Storage Condition

|                            |                              |
|----------------------------|------------------------------|
| Short term storage (weeks) | 0 - 4 °C under dry condition |
| Long term storage (months) | -20 °C under dry condition   |

Products are for research use only • Not for human or veterinary use