

## Certificate of Analysis

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Product Name: M65 TFA  
Cat. No.: GC72221  
Batch No.: 1  
Chemical Name:

### PHYSICAL AND CHEMICAL PROPERTIES

Cas. No.:  
Molecular Formula:  $C_{205}H_{326}N_{64}O_{61}S_5 \cdot xC_2HF_3O_2$   
Molecular Weight: 4823.53 (free base)  
Storage: Sealed storage, away from moisture

Chemical Structure: Cys-Asp-Ala-Thr-Cys-Gln-Phe-Arg-Lys-  
Ala-Ile-Asp-Asp-Cys-Gln-Lys-Gln-Ala-His-  
His-Ser-Asn-Val-Pro-Gly-Asn-Ser-Val-  
Phe-Lys-Glu-Cys-Met-Lys-Gln-Lys-Lys-  
Lys-Glu-Phe-Lys-Ala-NH<sub>2</sub> (Disulfide  
bridge: Cys<sub>1</sub>-Cys<sub>5</sub>, Cys<sub>14</sub>-Cys<sub>32</sub>) (TFA salt)

### ANALYTICAL DATA

Appearance: A solid  
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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