

## Certificate of Analysis

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Product Name: AtPep1 TFA  
Cat. No.: GC80849  
Batch No.: 1  
Chemical Name:

### PHYSICAL AND CHEMICAL PROPERTIES

Cas. No.:  
Molecular Formula:  $C_{104}H_{183}N_{39}O_{32} \cdot xC_2HF_3O_2$   
Molecular Weight: 2491.81  
Storage: Store at -20°C, away from moisture

Chemical Structure: Ala-Thr-Lys-Val-Lys-Ala-Lys-Gln-Arg-  
Gly-Lys-Glu-Lys-Val-Ser-Ser-Gly-Arg-  
Pro-Gly-Gln-His-Asn (TFA salt)

### ANALYTICAL DATA

Appearance: A solid  
HNMR: Consistent with structure  
HPLC: Consistent with structure  
Purity: >98.00%  
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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