

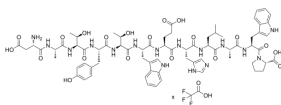
## K1 peptide (TFA)

Cat. No.: HY-P5964A  
Batch No.: 315462  
Chemical Name: L-Proline, L- $\alpha$ -aspartyl-L-alanyl-L-threonyl-L-tyrosyl-L-threonyl-L-tryptophyl-L- $\alpha$ -glutamyl-L-histidyl-L-leucyl-L-alanyl-L-tryptophyl- (TFA)

### PHYSICAL AND CHEMICAL PROPERTIES

Molecular Formula:  $C_{71}H_{92}N_{16}O_{20} \cdot xC_2HF_3O_2$   
Molecular Weight: **1489.59 (free acid)**  
Storage: Sealed storage, away from moisture  
Powder                    -80°C        2 years  
                                  -20°C        1 year  
\* In solvent : -80°C, 6 months; -20°C, 1 month (sealed storage, away from moisture)

### Chemical Structure:



### ANALYTICAL DATA

Appearance: White to off-white (Solid)  
MS: Consistent with structure  
Purity (HPLC): **98.22%**  
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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