

## Maculatin 1.1 (TFA)

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Cat. No.: HY-P5932  
Batch No.: 310594  
Chemical Name: L-Phenylalaninamide, glycy-L-leucyl-L-phenylalanyl-glycyl-L-valyl-L-leucyl-L-alanyl-L-lysyl-L-valyl-L-alanyl-L-alanyl-L-histidyl-L-valyl-L-valyl-L-prolyl-L-alanyl-L-iso-leucyl-L-alanyl-L- $\alpha$ -glutamyl-L-histidyl-,trifluoroacetate

### PHYSICAL AND CHEMICAL PROPERTIES

Molecular Formula:  $C_{103}H_{161}N_{27}O_{23} \cdot xC_2HF_3O_2$   
Molecular Weight: 2145.55 (free base)  
Storage: Sealed storage, away from moisture and light  
Powder                    -80°C        2 years  
                                  -20°C        1 year  
\* In solvent : -80°C, 6 months; -20°C, 1 month (sealed storage, away from moisture and light)

### Chemical Structure:

GLFGVLAKVAAHVVPAAIEHF-NH<sub>2</sub> (TFA)

### ANALYTICAL DATA

Appearance: White to off-white (Solid)  
MS: Consistent with structure  
Purity (HPLC): 96.93%  
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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