

## $\alpha$ -Factor Mating Pheromone, yeast (TFA)

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Cat. No.: HY-P1482A  
Batch No.: 276550  
Chemical Name: L-Tyrosine, L-tryptophyl-L-histidyl-L-tryptophyl-L-leucyl-L-glutaminyl-L-leucyl-L-lysyl-L-prolylgl  
cyl-L-glutaminyl-L-prolyl-L-methionyl- (TFA)

### PHYSICAL AND CHEMICAL PROPERTIES

Molecular Formula: C<sub>84</sub>H<sub>115</sub>N<sub>20</sub>F<sub>3</sub>O<sub>19</sub>S  
Molecular Weight: 1798.02  
Storage: Sealed storage, away from moisture and light  
Powder -80°C 2 years  
-20°C 1 years  
\* In solvent : -80°C, 6 months; -20°C, 1 month (sealed storage, away from moisture and light)

### Chemical Structure:

WHWLQLKPGQPMY (TFA salt)

### ANALYTICAL DATA

Appearance: White to off-white (Solid)  
MS: Consistent with structure  
Purity (HPLC): 98.38%  
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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