

## GP(33-41) (TFA)

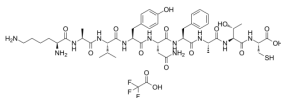
Cat. No.: HY-P0323A  
Batch No.: 160327  
Chemical Name: L-Cysteine, L-lysyl-L-alanyl-L-valyl-L-tyrosyl-L-asparaginyll-L-phenylalanyl-L-alanyl-L-threonyl- (TFA)

### PHYSICAL AND CHEMICAL PROPERTIES

Molecular Formula: C<sub>48</sub>H<sub>70</sub>F<sub>3</sub>N<sub>11</sub>O<sub>15</sub>S  
Molecular Weight: 1130.19  
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:



### ANALYTICAL DATA

Appearance: White to off-white (Solid)  
LCMS: Consistent with structure  
Purity (LCMS): 99.70%  
Nitrogen Content(N%): 11.97%  
Carbon Content(C%): 45.63%  
Hydrogen Content(H%): 6.245%  
Peptide Content (%): 79.0%  
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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