

## LL-37 amide (TFA)

Cat. No.: HY-P4744A  
Batch No.: 345538  
Chemical Name: L-Serinamide, L-leucyl-L-leucylglycyl-L- $\alpha$ -aspartyl-L-phenylalanyl-L-phenylalanyl-L-arginyl-L-ly  
syl-L-seryl-L-lysyl-L- $\alpha$ -glutamyl-L-lysyl-L-isoleucylglycyl-L-lysyl-L- $\alpha$ -glutamyl-L-phenylalanyl-L-ly  
syl-L-arginyl-L-isoleucyl-L-valyl-L-glutamyl-L-arginyl-L-isoleucyl-L-lysyl-L- $\alpha$ -aspartyl-L-phenyl  
alanyl-L-leucyl-L-arginyl-L-asparaginyl-L-leucyl-L-valyl-L-prolyl-L-arginyl-L-threonyl-L- $\alpha$ -glutam  
yl- (TFA)

### PHYSICAL AND CHEMICAL PROPERTIES

Molecular Formula:  $C_{205}H_{341}N_{61}O_{52} \cdot xC_2HF_3O_2$   
Molecular Weight: 4492.28 (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:

LLGDFFRKSKKEKIGKFKRIVORIKDFLRNLVPRTE-NH<sub>2</sub> (TFA salt)

### ANALYTICAL DATA

Appearance: White to off-white (Solid)  
MS: Consistent with structure  
Purity (HPLC): 99.38%  
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.**

Tel: 609-228-6898

Fax: 609-228-5909

E-mail: tech@MedChemExpress.com

Address: 1 Deer Park Dr, Suite Q, Monmouth Junction, NJ 08852, USA