

## $\alpha$ -Helical CRF(9-41)

Cat. No.: HY-P1294  
 CAS No.: 90880-23-2  
 Batch No.: 253754  
 Chemical Name: L-Alaninamide, L- $\alpha$ -aspartyl-L-leucyl-L-threonyl-L-phenylalanyl-L-histidyl-L-leucyl-L-leucyl-L-arginyl-L- $\alpha$ -glutamyl-L-methionyl-L-leucyl-L- $\alpha$ -glutamyl-L-methionyl-L-alanyl-L-lysyl-L-alanyl-L- $\alpha$ -glutamyl-L-glutamyl-L- $\alpha$ -glutamyl-L-alanyl-L- $\alpha$ -glutamyl-L-glutamyl-L-alanyl-L-alanyl-L-leucyl-L-asparaginy-L-arginyl-L-leucyl-L-leucyl-L-leucyl-L- $\alpha$ -glutamyl-L- $\alpha$ -glutamyl-

### PHYSICAL AND CHEMICAL PROPERTIES

Molecular Formula:  $C_{166}H_{274}N_{46}O_{53}S_2$   
 Molecular Weight: 3826.40  
 Storage: Sealed storage, away from moisture  
 Powder -80°C 2 years  
 -20°C 1 years  
 \* In solvent : -80°C, 6 months; -20°C, 1 month (sealed storage, away from moisture)

Chemical Structure:

DLTFHLLREMLEMAKAEQAEQAALNRLLEEAA-NH<sub>2</sub>

### ANALYTICAL DATA

Appearance: White to off-white (Solid)  
 LCMS: Consistent with structure  
 Purity (LCMS): 99.74%  
 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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