

## Cys-Penetratin

Cat. No.: HY-P4093  
CAS No.: 209323-98-8  
Batch No.: 309441  
Chemical Name: L-Lysine, L-cysteinyl-L-arginyl-L-glutaminyl-L-isoleucyl-L-lysyl-L-isoleucyl-L-tryptophyl-L-phenylalanyl-L-glutaminyl-L-asparaginyl-L-arginyl-L-arginyl-L-methionyl-L-lysyl-L-tryptophyl-L-lysyl-

### PHYSICAL AND CHEMICAL PROPERTIES

Molecular Formula:  $C_{107}H_{173}N_{35}O_{21}S_2$   
Molecular Weight: 2349.87  
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:

CRQIKIWFQNRRMKWKK

### ANALYTICAL DATA

Appearance: White to off-white (Solid)  
MS: Consistent with structure  
Purity (HPLC): 99.94%  
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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