

## MARK Substrate

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Cat. No.: HY-P1583  
CAS No.: 847991-34-8  
Batch No.: 263487  
Chemical Name: L-Lysine, L-asparaginyl-L-valyl-L-lysyl-L-seryl-L-lysyl-L-isoleucylglycyl-L-seryl-L-threonyl-L- $\alpha$ -glutamyl-L-asparaginyl-L-leucyl- (9CI)

### PHYSICAL AND CHEMICAL PROPERTIES

Molecular Formula:  $C_{60}H_{108}N_{18}O_{21}$   
Molecular Weight: **1417.61**  
Storage: Sealed storage, away from moisture and light, under nitrogen  
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, under nitrogen)

Chemical Structure:

**NVKSKIGSTENLK**

### ANALYTICAL DATA

Appearance: White to off-white (Solid)  
LCMS: Consistent with structure  
Purity (LCMS): **99.24%**  
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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