

## Biotin-TAT (47-57)

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Cat. No.: HY-P2467  
CAS No.: 1231898-25-1  
Batch No.: 261863  
Chemical Name: L-Arginine, N-[5-[(3aS,4S,6aR)-hexahydro-2-oxo-1H-thieno[3,4-d]imidazol-4-yl]-1-oxopentyl]-L-tirosylglycyl-L-arginyl-L-lysyl-L-lysyl-L-arginyl-L-arginyl-L-glutaminy-L-arginyl-L-arginyl-

### PHYSICAL AND CHEMICAL PROPERTIES

Molecular Formula: C<sub>74</sub>H<sub>132</sub>N<sub>34</sub>O<sub>16</sub>S  
Molecular Weight: 1786.12  
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:

{Biotin}-YGRKKRRQRRR

### ANALYTICAL DATA

Appearance: White to off-white (Solid)  
MS: Consistent with structure  
Purity (HPLC): 99.35%  
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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