

## Biotin-KRpep-2d (acetate)

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Cat. No.: HY-P4869  
Batch No.: 264915  
Chemical Name: Biotin-RRRCPLYISYDPVCRRRR-NH<sub>2</sub> (Disulfide bridge: Cys5-Cys15) (acetate)

### PHYSICAL AND CHEMICAL PROPERTIES

Molecular Formula: C<sub>118</sub>H<sub>198</sub>N<sub>46</sub>O<sub>28</sub>S<sub>3</sub>  
Molecular Weight: 2805.32  
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}-RRRCPLYISYDPVCRRRR-NH<sub>2</sub>  
(Disulfide bridge: Cys5-Cys15) (acetate salt)

### ANALYTICAL DATA

Appearance: White to off-white (Solid)  
MS: Consistent with structure  
Purity (HPLC): 99.13%  
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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