

## Defensin HNP-1 human (TFA)

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Cat. No.: HY-P2310A  
Batch No.: 153757  
Chemical Name: Defensin HNP-1 human (TFA)

### PHYSICAL AND CHEMICAL PROPERTIES

Molecular Formula:  $C_{160}H_{227}F_{15}N_{44}O_{48}S_6$   
Molecular Weight: **4012.15**  
Storage: Sealed storage, away from moisture  
Powder            -80°C      2 years  
                         -20°C      1 year  
\* In solvent : -80°C, 6 months; -20°C, 1 month (sealed storage, away from moisture)

### Chemical Structure:

ACYCRIPACIAGERRYGTCIYQGRLWAFCC (TFA salt)  
(Disulfide bridge: Cys<sub>2</sub>-Cys<sub>30</sub>, Cys<sub>4</sub>-Cys<sub>19</sub>, Cys<sub>5</sub>-Cys<sub>29</sub>)

### ANALYTICAL DATA

Appearance: White to off-white (Solid)  
Purity (HPLC): 98.16%  
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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