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**Certificate of Analysis**

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Product Name: Papain Inhibitor  
Cat. No.: GP10078  
Batch No.: 1  
Chemical Name: (2S)-2-[[[(2R)-2-[[2-[(2-aminoacetyl)amino]acetyl]amino]-3-(4-hydroxyphenyl)propanoyl]amino]-5-(diaminomethylideneamino)pentanoic acid

**PHYSICAL AND CHEMICAL PROPERTIES**

Cas. No.: 70195-20-9  
Molecular Formula: C<sub>19</sub>H<sub>29</sub>N<sub>7</sub>O<sub>6</sub>  
Molecular Weight: 451.48  
Storage: Store at -20°C  
Chemical Structure:

**ANALYTICAL DATA**

Appearance: solid  
HNMR: Consistent with structure  
HPLC: Consistent with structure  
Purity: >98%  
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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