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**Certificate of Analysis**

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Product Name: Calpain Inhibitor XII  
Cat. No.: GC12479  
Batch No.: 1  
Chemical Name: [3-methyl-1-[[[1-[oxo[(2-pyridinylmethyl)amino]acetyl]butyl]amino]carbonyl]butyl]-carbamic acid, phenylmethyl ester

**PHYSICAL AND CHEMICAL PROPERTIES**

Cas. No.: 181769-57-3  
Molecular Formula: C<sub>26</sub>H<sub>34</sub>N<sub>4</sub>O<sub>5</sub>  
Molecular Weight: 482.6  
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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