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**Certificate of Analysis**

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Product Name: Z-D-Arg(Pbf)-OH·CHA  
Cat. No.: GA10142  
Batch No.: 1  
Chemical Name: cyclohexanamine (R,E)-2-(((benzyloxy)oxidomethylene)amino)-5-(3-((2,2,4,6,7-pentamethyl-2,3-dihydrobenzofuran-5-yl)sulfonyl)guanidino)pentanoate

**PHYSICAL AND CHEMICAL PROPERTIES**

Cas. No.: 200191-00-0  
Molecular Formula:  $C_{27}H_{36}N_4O_7S \cdot C_6H_{13}N$   
Molecular Weight: 659.84  
Storage:  
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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