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**Certificate of Analysis**

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Product Name: Ac-VDVAD-AFC  
Cat. No.: GC13400  
Batch No.: 1  
Chemical Name: N-acetyl-L-valyl-L- $\alpha$ -aspartyl-L-valyl-L-alanyl-N-[2-oxo-4-(trifluoromethyl)-2H-1-benzopyran-7-yl]-L- $\alpha$ -asparagine

**PHYSICAL AND CHEMICAL PROPERTIES**

Cas. No.: 210344-94-8  
Molecular Formula:  $C_{33}H_{41}F_3N_6O_{12}$   
Molecular Weight: 770.71  
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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