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**Certificate of Analysis**

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Product Name: Z-Asp(OtBu)-OSu  
Cat. No.: GA10044  
Batch No.: 1  
Chemical Name: 4-O-tert-butyl 1-O-(2,5-dioxopyrrolidin-1-yl) (2S)-2-(phenylmethoxycarbonylamino)butanedioate

**PHYSICAL AND CHEMICAL PROPERTIES**

Cas. No.: 3338-32-7  
Molecular Formula:  $C_{20}H_{24}N_2O_8$   
Molecular Weight: 420.4  
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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