

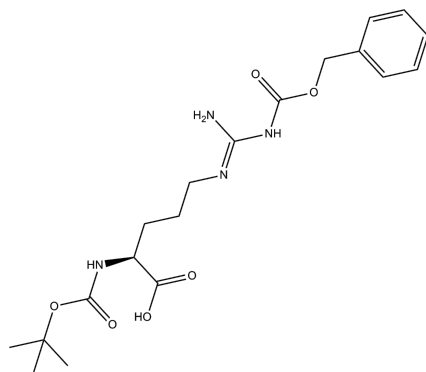
## Certificate of Analysis

Product Name: Boc-Arg(Z)-OH  
Cat. No.: GA11365  
Batch No.: 1  
Chemical Name: (2S)-5-[[amino(phenylmethoxycarbonylamino)methylidene]amino]-2-[(2-methylpropan-2-yl)oxycarbonylamino]pentanoic acid

### PHYSICAL AND CHEMICAL PROPERTIES

Cas. No.: 51219-18-2  
Molecular Formula:  $C_{19}H_{28}N_4O_6$   
Molecular Weight: 408.5  
Storage: Desiccate at  $-20^{\circ}\text{C}$

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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