

## Certificate of Analysis

Product Name: H-Arg-βNA . HCl  
Cat. No.: GA22099  
Batch No.: 2  
Chemical Name:

### PHYSICAL AND CHEMICAL PROPERTIES

Cas. No.: 18905-73-2  
Molecular Formula:  $C_{16}H_{21}N_5O \cdot HCl$   
Molecular Weight: 335.84  
Storage: Store at -20°C, protect from light

Chemical Structure:



### ANALYTICAL DATA

Appearance: A solid  
HNMR: Consistent with structure  
HPLC: Consistent with structure  
Purity: >99.00%  
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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