

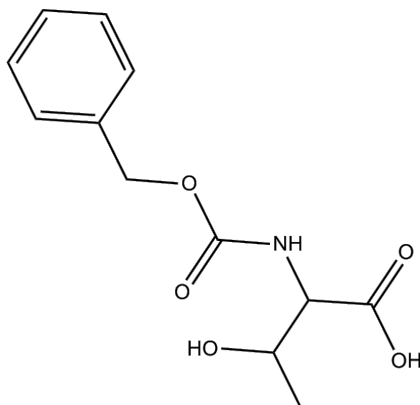
## Certificate of Analysis

Product Name: Z-Thr-OH  
Cat. No.: GA11308  
Batch No.: 1  
Chemical Name: (2S,3R)-3-hydroxy-2-(phenylmethoxycarbonylamino)butanoic acid

### PHYSICAL AND CHEMICAL PROPERTIES

Cas. No.: 19728-63-3  
Molecular Formula:  $C_{12}H_{15}NO_5$   
Molecular Weight: 253.3  
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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