

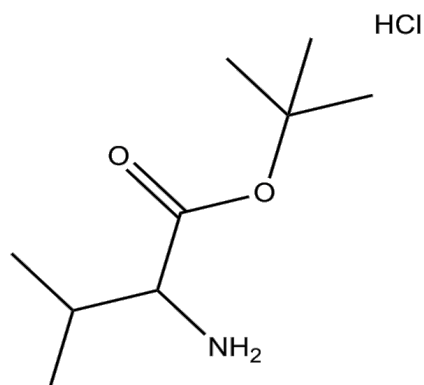
## Certificate of Analysis

Product Name: H-D-Val-OtBu?HCl  
Cat. No.: GA11094  
Batch No.: 1  
Chemical Name: tert-butyl (2R)-2-amino-3-methylbutanoate;hydrochloride

### PHYSICAL AND CHEMICAL PROPERTIES

Cas. No.: 104944-18-5  
Molecular Formula:  $C_9H_{19}NO_2.HCl$   
Molecular Weight: 209.7  
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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