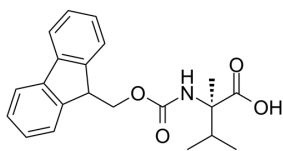


## Certificate of Analysis

**Product Name:** (R)-2-((((9H-Fluoren-9-yl)methoxy)carbonyl)amino)-2,3-dimethylbutanoic acid  
**Cat. No.:** CS-0100986  
**CAS No.:** 616867-28-8  
**Batch No.:** Lf0609138869  
**Chemical Name:** D-Valine, N-[(9H-fluoren-9-ylmethoxy)carbonyl]-2-methyl-

### PHYSICAL AND CHEMICAL PROPERTIES

**Molecular Formula:** C<sub>21</sub>H<sub>23</sub>NO<sub>4</sub>  
**Molecular Weight:** 353.41  
**Storage:** Store at room temperature  
**Chemical Structure:**



### ANALYTICAL DATA

**Appearance:** Light yellow to yellow (Solid)  
**<sup>1</sup>H NMR Spectrum:** Consistent with structure  
**Purity (HPLC):** 98.99%  
**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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