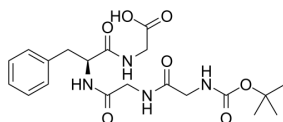


## Certificate of Analysis

**Product Name:** Boc-Gly-Gly-Phe-Gly-OH  
**Cat. No.:** CS-0039416  
**CAS No.:** 187794-49-6  
**Batch No.:** Le1223115193  
**Chemical Name:** Glycine, N-[(1,1-dimethylethoxy)carbonyl]glycylglycyl-L-phenylalanyl-

### PHYSICAL AND CHEMICAL PROPERTIES

**Molecular Formula:** C<sub>20</sub>H<sub>28</sub>N<sub>4</sub>O<sub>7</sub>  
**Molecular Weight:** 436.46  
**Storage:** -80°C, 2 years; -20°C, 1 year  
**Chemical Structure:**



### ANALYTICAL DATA

**Appearance:** White to off-white (Solid)  
**<sup>1</sup>H NMR Spectrum:** Consistent with structure  
**LCMS:** Consistent with structure  
**Purity (LCMS):** 98.12%  
**Peptide Content (%):** 96.7%  
**Nitrogen Content(N%):** 12.41%  
**Carbon Content(C%):** 52.64%  
**Hydrogen Content(H%):** 6.802%  
**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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