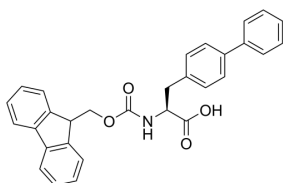


## Certificate of Analysis

**Product Name:** Fmoc-Bip(4,4')-OH  
**Cat. No.:** CS-W011552  
**CAS No.:** 199110-64-0  
**Batch No.:** Lg0417237155

### PHYSICAL AND CHEMICAL PROPERTIES

**Molecular Formula:** C<sub>30</sub>H<sub>25</sub>NO<sub>4</sub>  
**Molecular Weight:** 463.52  
**Storage:** Storage temp. 2-8°C  
**Chemical Structure:**



### ANALYTICAL DATA

**Appearance:** White to off-white (Solid)  
**<sup>1</sup>H NMR Spectrum:** Consistent with structure  
**Purity (HPLC):** 97.95%  
**OR(C=1.00g/100ml DMF):** -11.5°  
**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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