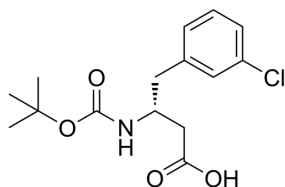


## Certificate of Analysis

**Product Name:** (R)-3-((tert-butoxycarbonyl)amino)-4-(3-chlorophenyl)butanoic acid  
**Cat. No.:** CS-0313576  
**CAS No.:** 331763-56-5  
**Batch No.:** Lf0622141957

### PHYSICAL AND CHEMICAL PROPERTIES

**Molecular Formula:** C<sub>15</sub>H<sub>20</sub>ClNO<sub>4</sub>  
**Molecular Weight:** 313.78  
**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  
**LCMS:** Consistent with structure  
**Purity (NMR):** ≥96.0%  
**OR[α](C=0.51 g/100ml MEOH):** 12.1°  
**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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