

**Product Name:** N-Boc-L-tert-leucine, 98%  
**Catalog Number:** H51136.14

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**CAS Number:** 62965-35-9  
**IUPAC Name:** (2S)-2-[[tert-butoxy)carbonyl]amino]-3,3-dimethylbutanoic acid  
**Molecular Formula:** C<sub>11</sub>H<sub>21</sub>NO<sub>4</sub>  
**Molecular Weight:** 231.29  
**MDL Number:** MFCD00065574  
**InChI Key:** LRFZIPCTFBPFLX-JLDDOWRYNA-N  
**SMILES:** CC(C)(C)OC(=O)N[C@H](C(O)=O)C(C)(C)C  
**Synonym:** (2S)-2-[(tert-butoxycarbonyl)amino]-3,3-dimethylbutanoic acid

### Product Specification

**Appearance (Color):** White to pale yellow  
**Form:** Powder or crystals or crystalline powder  
**Proton NMR:** Conforms to structure  
**Optical Rotation:** -2? to -5.0? (C=1, AcOH)  
**Assay from Supplier's CofA:** ≥97.5% (GC)

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**Date Of Print:** 04/01/2026

*Product Specifications are subject to amendment and may change over time. Data contained is accurate as of the date printed.*