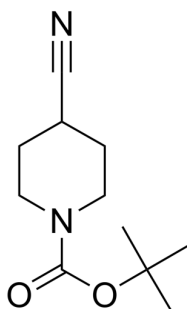


## Certificate of Analysis

### Compound Information

**Product Name:** 1-Boc-4-cyanopiperidine  
**Cat. No.:** 1046661  
**CAS No.:** 91419-52-2  
**Molecular Formula:** C<sub>11</sub>H<sub>18</sub>N<sub>2</sub>O<sub>2</sub>  
**Molecular Weight:** 210.27  
**Chemical Structure:**



### Batch Information

**Batch No.:** Le1207112308  
**Storage:** Store at room temperature  
**Test Date:** 2021-12-07  
**Retest Date:** 2026-12-06  
**Origin:** Shanghai, China

### QC Summary

**Appearance:** Off-white to yellow (Solid)  
**<sup>1</sup>H NMR Spectrum:** Consistent with structure  
**Purity (NMR):** ≥97.0%  
**Water(KF):** 0.02%  
**Conclusion:** The product has been tested and complies with the given specifications.

Caution: Research use only and are not intended for human use.

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