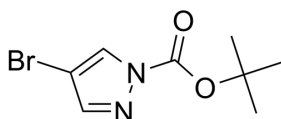


## Certificate of Analysis

**Product Name:** tert-Butyl 4-bromo-1H-pyrazole-1-carboxylate  
**Cat. No.:** CS-W003721  
**CAS No.:** 1150271-23-0  
**Batch No.:** 117163

### PHYSICAL AND CHEMICAL PROPERTIES

**Molecular Formula:** C<sub>8</sub>H<sub>11</sub>BrN<sub>2</sub>O<sub>2</sub>  
**Molecular Weight:** 247.09  
**Storage:** Storage temp. 2-8°C  
**Chemical Structure:**



### ANALYTICAL DATA

**Appearance:** Off-white to light 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: Product has not been fully validated for medical applications. For research use only.**

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