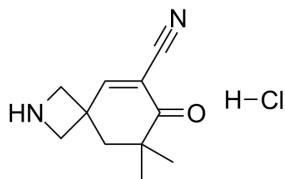


## Certificate of Analysis

**Product Name:** 8,8-Dimethyl-7-oxo-2-azaspiro[3.5]non-5-ene-6-carbonitrile hydrochloride  
**Cat. No.:** CS-0433991  
**CAS No.:** 2758304-16-2  
**Batch No.:** Lf0527136167

### PHYSICAL AND CHEMICAL PROPERTIES

**Molecular Formula:** C<sub>11</sub>H<sub>15</sub>CIN<sub>2</sub>O  
**Molecular Weight:** 226.70  
**Storage:** 2-8°C, sealed storage, away from moisture  
**Chemical Structure:**



### ANALYTICAL DATA

**Appearance:** White to off-white (Solid)  
**<sup>1</sup>H NMR Spectrum:** Consistent with structure  
**LCMS:** Consistent with structure  
**Purity (LCMS):** 98.39%  
**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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