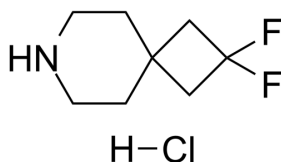


## Certificate of Analysis

**Product Name:** 2,2-Difluoro-7-azaspiro[3.5]nonane hydrochloride  
**Cat. No.:** CS-0052188  
**CAS No.:** 1523618-02-1  
**Batch No.:** Ld062910439  
**Chemical Name:** 7-Azaspiro[3.5]nonane, 2,2-difluoro-, hydrochloride (1:1)

### PHYSICAL AND CHEMICAL PROPERTIES

**Molecular Formula:** C<sub>8</sub>H<sub>14</sub>ClF<sub>2</sub>N  
**Molecular Weight:** 197.65  
**Storage:** Store at room temperature  
**Chemical Structure:**



### ANALYTICAL DATA

**Appearance:** White to off-white (Solid)  
**<sup>1</sup>H NMR Spectrum:** Consistent with structure  
**Purity (NMR):** ≥97.0%  
**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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