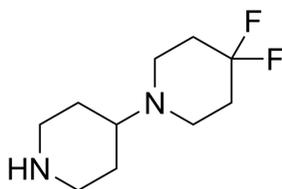


## Certificate of Analysis

**Product Name:** 4,4-Difluoro-1,4'-bipiperidine  
**Cat. No.:** CS-0203238  
**CAS No.:** 686298-08-8  
**Batch No.:** Lg0415237096  
**Chemical Name:** 1,4'-Bipiperidine, 4,4-difluoro-

### PHYSICAL AND CHEMICAL PROPERTIES

**Molecular Formula:** C<sub>10</sub>H<sub>18</sub>F<sub>2</sub>N<sub>2</sub>  
**Molecular Weight:** 204.26  
**Storage:** 2-8°C, protect from light  
**Chemical Structure:**



### ANALYTICAL DATA

**Appearance:** Off-white to light yellow (Solid)  
**<sup>1</sup>H NMR Spectrum:** Consistent with structure  
**Purity (NMR):** ≥98.0%  
**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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