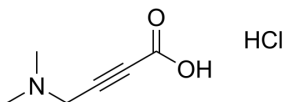


## Certificate of Analysis

**Product Name:** 4-(Dimethylamino)but-2-ynoic acid hydrochloride  
**Cat. No.:** CS-0564430  
**CAS No.:** 118764-06-0  
**Batch No.:** 242128  
**Chemical Name:** 2-Butynoic acid, 4-(dimethylamino)-, hydrochloride (1:1)

### PHYSICAL AND CHEMICAL PROPERTIES

**Molecular Formula:** C<sub>6</sub>H<sub>10</sub>ClNO<sub>2</sub>  
**Molecular Weight:** 163.60  
**Storage:** 2-8°C, protect from light  
**Chemical Structure:**



### ANALYTICAL DATA

**Appearance:** White to off-white (Solid)  
**<sup>1</sup>H NMR Spectrum:** Consistent with structure  
**LCMS:** Consistent with structure  
**Purity (NMR):** ≥95.0%  
**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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