

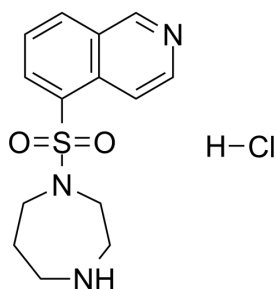
## Certificate of Analysis

**Product Name:** Fasudil (Hydrochloride)  
**Cat. No.:** HY-10341  
**CAS No.:** 105628-07-7  
**Batch No.:** 15625  
**Chemical Name:** Isoquinoline, 5-[(hexahydro-1H-1,4-diazepin-1-yl)sulfonyl]-, hydrochloride (1:1)

### PHYSICAL AND CHEMICAL PROPERTIES

**Molecular Formula:** C<sub>14</sub>H<sub>18</sub>ClN<sub>3</sub>O<sub>2</sub>S  
**Molecular Weight:** 327.83  
**Storage:**  
Powder      -20°C      3 years  
                  4°C        2 years  
In solvent   -80°C      6 months  
                  -20°C      1 month

**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):** 99.91%  
**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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