

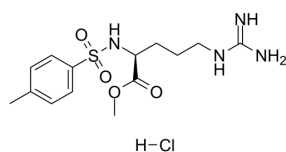
## Certificate of Analysis

**Product Name:** TAME hydrochloride  
**Cat. No.:** HY-13255A  
**CAS No.:** 1784-03-8  
**Batch No.:** 33632  
**Chemical Name:** L-Arginine, N2-[(4-methylphenyl)sulfonyl]-, methyl ester, hydrochloride (1:1)

### PHYSICAL AND CHEMICAL PROPERTIES

**Molecular Formula:** C<sub>14</sub>H<sub>23</sub>ClN<sub>4</sub>O<sub>4</sub>S  
**Molecular Weight:** 378.87  
**Storage:**  
Powder -20°C 3 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):** 99.10%  
**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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