

## Certificate of Analysis

Product Name: 1, 4-Ditosyl-1, 4-diazepane  
Cat. No.: GF44937  
Batch No.: 1  
Chemical Name:

### PHYSICAL AND CHEMICAL PROPERTIES

Cas. No.: 5769-35-7  
Molecular Formula: C<sub>19</sub>H<sub>24</sub>N<sub>2</sub>O<sub>4</sub>S<sub>2</sub>  
Molecular Weight: 408.53  
Storage: 2-8°C, away from moisture sealed storage

Chemical Structure:



### ANALYTICAL DATA

Appearance: A solid  
HNMR: Consistent with structure  
HPLC: Consistent with structure  
Purity: >95.00%  
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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