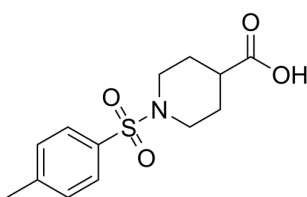


## Certificate of Analysis

### Compound Information

|                            |   |
|----------------------------|---|
| <b>Product Name:</b>       | 1-Tosylpiperidine-4-carboxylic acid               |
| <b>Cat. No.:</b>           | 1223670   |
| <b>CAS No.:</b>            | 147636-36-0                                       |
| <b>Molecular Formula:</b>  | C <sub>13</sub> H <sub>17</sub> NO <sub>4</sub> S |
| <b>Molecular Weight:</b>   | 283.34  |
| <b>Chemical Structure:</b> |   |



### Batch Information

|                     |                           |
|---------------------|---------------------------|
| <b>Batch No.:</b>   | L390096                   |
| <b>Storage:</b>     | Store at room temperature |
| <b>Test Date:</b>   | 2024-04-02                |
| <b>Retest Date:</b> | 2029-04-01                |
| <b>Origin:</b>      | Shanghai, China           |

### QC Summary

|                                    |   |
|------------------------------------|---|
| <b>Appearance:</b>                 | White to off-white (Solid)  |
| <b><sup>1</sup>H NMR Spectrum:</b> | Consistent with structure   |
| <b>LCMS:</b>                       | Consistent with structure   |
| <b>Purity (NMR):</b>               | ≥98.0%  |
| <b>Conclusion:</b>                 | The product has been tested and complies with the given specifications. |

**Caution: Research use only and are not intended for human use.**

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