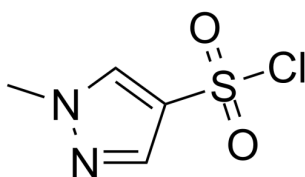


## Certificate of Analysis

### Compound Information

|                     |   |
|---------------------|---|
| Product Name:       | 1-Methyl-1H-pyrazole-4-sulfonyl chloride                        |
| Cat. No.:           | 1028398   |
| CAS No.:            | 288148-34-5   |
| Molecular Formula:  | C <sub>4</sub> H <sub>5</sub> ClN <sub>2</sub> O <sub>2</sub> S |
| Molecular Weight:   | 180.61  |
| Chemical Structure: |   |



### Batch Information

|              |                     |
|--------------|---------------------|
| Batch No.:   | Lf0827163888        |
| Storage:     | Storage temp. 2-8°C |
| Mfg. Date:   | 2022-08-29          |
| Retest Date: | 2025-08-28          |
| Origin:      | Shanghai, China     |

### QC Summary

|                              |   |
|------------------------------|---|
| Appearance:                  | Off-white to light brown (Solid)  |
| <sup>1</sup> H NMR Spectrum: | Consistent with structure   |
| LCMS:                        | Consistent with structure   |
| Purity (GC):                 | 99.89%  |
| Conclusion:                  | 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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