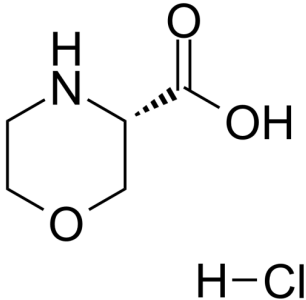


## Certificate of Analysis

### Compound Information

<b>Product Name:</b>	(S)-Morpholine-3-carboxylic acid hydrochloride
<b>Cat. No.:</b>	1114446
<b>CAS No.:</b>	1187929-04-9
<b>Molecular Formula:</b>	C <sub>5</sub> H <sub>10</sub> ClNO <sub>3</sub>
<b>Molecular Weight:</b>	167.59
<b>Chemical Structure:</b>	

### Batch Information

<b>Batch No.:</b>	Lc0705105
<b>Storage:</b>	Store at room temperature
<b>Mfg. Date:</b>	2019-07-09
<b>Retest Date:</b>	2024-07-08
<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>Optical Rotation:</b>	Consistent with structure
<b>Purity (NMR):</b>	≥97.0%
<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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