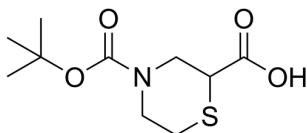


## Certificate of Analysis

### Compound Information

<b>Product Name:</b>	4-(tert-Butoxycarbonyl)thiomorpholine-2-carboxylic acid
<b>Cat. No.:</b>	1168483
<b>CAS No.:</b>	134676-67-8
<b>Molecular Formula:</b>	C <sub>10</sub> H <sub>17</sub> NO <sub>4</sub> S
<b>Molecular Weight:</b>	247.31
<b>Chemical Structure:</b>	



### Batch Information

<b>Batch No.:</b>	Lf0722148317
<b>Storage:</b>	Store at room temperature
<b>Test Date:</b>	2022-07-22
<b>Retest Date:</b>	2027-07-21
<b>Origin:</b>	Shanghai, China

### QC Summary

<b>Appearance:</b>	Light yellow to light brown (Solid)
<b><sup>1</sup>H NMR Spectrum:</b>	Consistent with structure
<b>Purity (NMR):</b>	≥97.0%
<b>OR(C=0.51g/100ml ETOH):</b>	22.0°
<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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