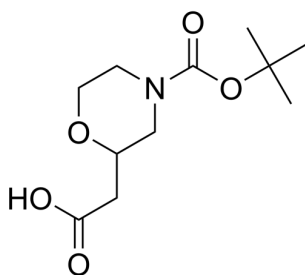


## Certificate of Analysis

### Compound Information

<b>Product Name:</b>	2-Carboxymethyl-morpholine-4-carboxylic acid tert-butyl ester
<b>Cat. No.:</b>	1052325
<b>CAS No.:</b>	766539-28-0
<b>Molecular Formula:</b>	C <sub>11</sub> H <sub>19</sub> NO <sub>5</sub>
<b>Molecular Weight:</b>	245.27
<b>Chemical Structure:</b>	



### Batch Information

<b>Batch No.:</b>	L354992
<b>Storage:</b>	Storage temp. 2-8°C
<b>Test Date:</b>	2023-10-31
<b>Retest Date:</b>	2026-10-30
<b>Origin:</b>	Shanghai, China

### QC Summary

<b>Appearance:</b>	White to light yellow (Solid)
<b><sup>1</sup>H NMR Spectrum:</b>	Consistent with structure
<b>Purity (NMR):</b>	≥95.0%
<b>Optical Rotation:</b>	-0.133° (C=0.01 g/ml, MEOH)
<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.**

Tel: 400-821-0725

E-mail: [product@leyan.com](mailto:product@leyan.com)

Address: No. 1999 Zhangheng Road, Building 3, Zhangjiang High-Tech Park, Shanghai