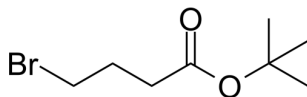


## Certificate of Analysis

### Compound Information

<b>Product Name:</b>	4-Bromobutanoic acid tert-butyl ester
<b>Cat. No.:</b>	1062827
<b>CAS No.:</b>	110661-91-1
<b>Molecular Formula:</b>	C <sub>8</sub> H <sub>15</sub> BrO <sub>2</sub>
<b>Molecular Weight:</b>	223.11
<b>Chemical Structure:</b>	



### Batch Information

<b>Batch No.:</b>	Lc0312011
<b>Storage:</b>	2-8°C, stored under nitrogen
<b>Mfg. Date:</b>	2019-03-14
<b>Retest Date:</b>	2022-03-14
<b>Origin:</b>	Shanghai, China

### QC Summary

<b>Appearance:</b>	Colorless to light yellow (Liquid)
<b><sup>1</sup>H NMR Spectrum:</b>	Consistent with structure
<b>Purity (GC):</b>	96.47%
<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