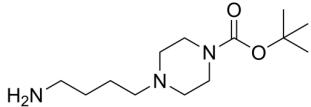


## Certificate of Analysis

### Compound Information

Product Name:	tert-Butyl 4-(4-aminobutyl)piperazine-1-carboxylate
Cat. No.:	1108721
CAS No.:	745048-07-1
Molecular Formula:	C <sub>13</sub> H <sub>27</sub> N <sub>3</sub> O <sub>2</sub>
Molecular Weight:	257.37
Chemical Structure:	

### Batch Information

Batch No.:	Le1201111232
Storage:	2-8°C, protect from light
Test Date:	2021-09-23
Retest Date:	2024-09-22
Origin:	Shanghai, China

### QC Summary

Appearance:	Colorless to light yellow (Oil)
<sup>1</sup> H NMR Spectrum:	Consistent with structure
Purity (NMR):	≥95.0%
Conclusion:	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

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