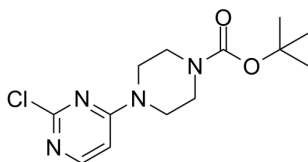


## Certificate of Analysis

### Compound Information

Product Name:	tert-Butyl 4-(2-chloropyrimidin-4-yl)piperazine-1-carboxylate
Cat. No.:	1052230
CAS No.:	221050-88-0
Molecular Formula:	C <sub>13</sub> H <sub>19</sub> ClN <sub>4</sub> O <sub>2</sub>
Molecular Weight:	298.77
Chemical Structure:	



### Batch Information

Batch No.:	Ld090416841
Storage:	Storage temp. 2-8°C
Mfg. Date:	2020-09-04
Retest Date:	2023-09-03
Origin:	Shanghai, China

### QC Summary

Appearance:	White to yellow (Solid)
<sup>1</sup> H NMR Spectrum:	Consistent with structure
Purity (HPLC):	99.37%
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

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

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