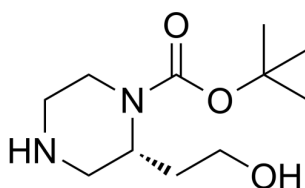


## Certificate of Analysis

### Compound Information

<b>Product Name:</b>	tert-Butyl (R)-2-(2-hydroxyethyl)piperazine-1-carboxylate
<b>Cat. No.:</b>	1206375
<b>CAS No.:</b>	947275-74-3
<b>Molecular Formula:</b>	C <sub>11</sub> H <sub>22</sub> N <sub>2</sub> O <sub>3</sub>
<b>Molecular Weight:</b>	230.30
<b>Chemical Structure:</b>	



### Batch Information

<b>Batch No.:</b>	Lf0506131934
<b>Storage:</b>	2-8°C, protect from light
<b>Test Date:</b>	2022-04-24
<b>Retest Date:</b>	2025-04-23
<b>Origin:</b>	Shanghai, China

### QC Summary

<b>Appearance:</b>	Colorless to light yellow (Oil)
<b><sup>1</sup>H NMR Spectrum:</b>	Consistent with structure
<b>Purity (NMR):</b>	≥97.0%
<b>OR[α]<sub>D</sub>(C=0.66 g/100ml CHCl<sub>3</sub>):</b>	-36.0°
<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.**

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