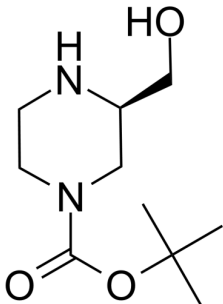
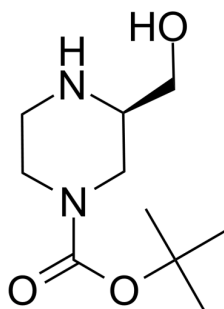


## Certificate of Analysis

### Compound Information

<b>Product Name:</b>	(R)-1-Boc-3-hydroxymethyl-piperazine
<b>Cat. No.:</b>	1051641
<b>CAS No.:</b>	278788-66-2
<b>Molecular Formula:</b>	C <sub>10</sub> H <sub>20</sub> N <sub>2</sub> O <sub>3</sub>
<b>Molecular Weight:</b>	216.28
<b>Chemical Structure:</b>	



### Batch Information

<b>Batch No.:</b>	Lf0228124247
<b>Storage:</b>	RT, protect from light
<b>Mfg. Date:</b>	2022-03-01
<b>Retest Date:</b>	2025-02-28
<b>Origin:</b>	Shanghai, China

### QC Summary

<b>Appearance:</b>	White to off-white (Solid)
<b><sup>1</sup>H NMR Spectrum:</b>	Consistent with structure
<b>Optical Rotation:</b>	Consistent with structure
<b>Purity (GC):</b>	97.86%
<b>Water(KF):</b>	0.48%
<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.

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