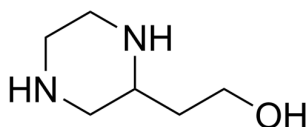


## Certificate of Analysis

### Compound Information

<b>Product Name:</b>	2-(Piperazin-2-yl)ethanol dihydrochloride
<b>Cat. No.:</b>	1064719
<b>CAS No.:</b>	5169-93-7
<b>Molecular Formula:</b>	C <sub>6</sub> H <sub>16</sub> Cl <sub>2</sub> N <sub>2</sub> O
<b>Molecular Weight:</b>	203.11
<b>Chemical Structure:</b>	



HCl HCl

### Batch Information

<b>Batch No.:</b>	Le090297150
<b>Storage:</b>	Store at room temperature
<b>Test Date:</b>	2021-09-02
<b>Retest Date:</b>	2026-09-01
<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>MS:</b>	Consistent with structure
<b>Purity (NMR):</b>	≥95.0%
<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.

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