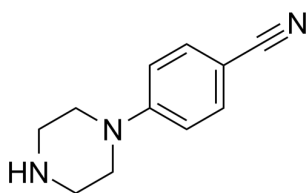


## Certificate of Analysis

### Compound Information

<b>Product Name:</b>	4-(Piperazin-1-yl)benzonitrile
<b>Cat. No.:</b>	1065925
<b>CAS No.:</b>	68104-63-2
<b>Molecular Formula:</b>	C <sub>11</sub> H <sub>13</sub> N <sub>3</sub>
<b>Molecular Weight:</b>	187.24
<b>Chemical Structure:</b>	



### Batch Information

<b>Batch No.:</b>	Lf0523135097
<b>Storage:</b>	Storage temp. 2-8°C
<b>Mfg. Date:</b>	2022-05-23
<b>Retest Date:</b>	2025-05-22
<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>Purity (HPLC):</b>	99.12%
<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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