

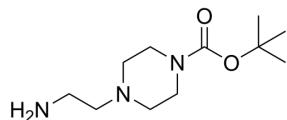
## Certificate of Analysis

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<b>Product Name:</b>	tert-Butyl 4-(2-aminoethyl)piperazine-1-carboxylate
<b>Cat. No.:</b>	CS-W008990
<b>CAS No.:</b>	192130-34-0
<b>Batch No.:</b>	Lc1119066
<b>Chemical Name:</b>	1-Piperazinecarboxylic acid, 4-(2-aminoethyl)-, 1,1-dimethylethyl ester

### PHYSICAL AND CHEMICAL PROPERTIES

<b>Molecular Formula:</b>	C <sub>11</sub> H <sub>23</sub> N <sub>3</sub> O <sub>2</sub>
<b>Molecular Weight:</b>	229.32
<b>Storage:</b>	2-8°C, protect from light
<b>Chemical Structure:</b>	



### ANALYTICAL DATA

<b>Appearance:</b>	White to yellow (<36°C Solid,>41°C Liquid)
<b><sup>1</sup>H NMR Spectrum:</b>	Consistent with structure
<b>Purity (NMR):</b>	≥97.0%
<b>Conclusion:</b>	The product has been tested and complies with the given specifications.

**Caution: Product has not been fully validated for medical applications. For research use only.**

Tel: 610-426-3128

Fax: 888-484-5008

E-mail: [sales@ChemScene.com](mailto:sales@ChemScene.com)

Address: 1 Deer Park Dr, Suite F, Monmouth Junction, NJ 08852, USA