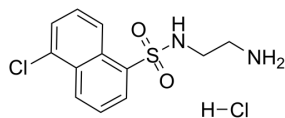


## Certificate of Analysis

<b>Product Name:</b>	A-3 (hydrochloride)
<b>Cat. No.:</b>	CS-0103566
<b>CAS No.:</b>	78957-85-4
<b>Batch No.:</b>	68191
<b>Chemical Name:</b>	1-Naphthalenesulfonamide, N-(2-aminoethyl)-5-chloro-, hydrochloride (1:1)

### PHYSICAL AND CHEMICAL PROPERTIES

<b>Molecular Formula:</b>	C <sub>12</sub> H <sub>14</sub> Cl <sub>2</sub> N <sub>2</sub> O <sub>2</sub> S
<b>Molecular Weight:</b>	321.22
<b>Storage:</b>	Storage temp. 2-8°C
<b>Chemical Structure:</b>	



### ANALYTICAL DATA

<b>Appearance:</b>	Light yellow to light brown (Solid)
<b><sup>1</sup>H NMR Spectrum:</b>	Consistent with structure
<b>LCMS:</b>	Consistent with structure
<b>Purity (LCMS):</b>	99.67%
<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: 732-484-9848

Fax: 888-484-5008

E-mail: sales@ChemScene.com

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