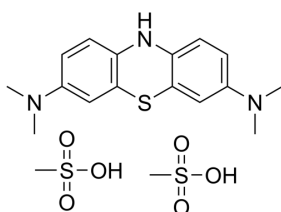


## Certificate of Analysis

<b>Product Name:</b>	Leucomethylene blue (Mesylate)
<b>Cat. No.:</b>	CS-5553
<b>CAS No.:</b>	1236208-20-0
<b>Batch No.:</b>	66629
<b>Chemical Name:</b>	10H-Phenothiazine-3,7-diamine, N3,N3,N7,N7-tetramethyl-, methanesulfonate (1:2)

### PHYSICAL AND CHEMICAL PROPERTIES

<b>Molecular Formula:</b>	C <sub>18</sub> H <sub>27</sub> N <sub>3</sub> O <sub>6</sub> S <sub>3</sub>
<b>Molecular Weight:</b>	477.62
<b>Storage:</b>	2-8°C, protect from light, stored under nitrogen
<b>Chemical Structure:</b>	



### ANALYTICAL DATA

<b>Appearance:</b>	Light green to green (Solid)
<b><sup>1</sup>H NMR Spectrum:</b>	Consistent with structure
<b>Purity (HPLC):</b>	98.04%
<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.**

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