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**Certificate of Analysis**

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Product Name: MS023 (hydrochloride)  
Cat. No.: GC16432  
Batch No.: 1  
Chemical Name: N<sup>1</sup>-methyl-N<sup>1</sup>-[[4-[4-(1-methylethoxy)phenyl]-1H-pyrrol-3-yl]methyl]-1,2-ethanediamine, trihydrochloride

**PHYSICAL AND CHEMICAL PROPERTIES**

Cas. No.: 2108631-19-0  
Molecular Formula: C<sub>17</sub>H<sub>25</sub>N<sub>3</sub>O • 3HCl  
Molecular Weight: 396.8  
Storage: Store at -20°C  
Chemical Structure:

**ANALYTICAL DATA**

Appearance: solid  
HNMR: Consistent with structure  
HPLC: Consistent with structure  
Purity: >98%  
Conclusion: 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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