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**Certificate of Analysis**

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Product Name: Naloxonazine dihydrochloride  
Cat. No.: GC16588  
Batch No.: 1  
Chemical Name: (4R,4aS,4'R,4a'S,7Z,7aS,7'E,7a'S,12bS,12b'S)-7,7'-(hydrazine-1,2-diylidene)bis(3-allyl-2,3,4,4a,5,6,7,7a-octahydro-1H-4,12-methanobenzofuro[3,2-e]isoquinoline-4a,9-diol) dihydrochloride

**PHYSICAL AND CHEMICAL PROPERTIES**

Cas. No.: 880759-65-9  
Molecular Formula:  $C_{38}H_{42}N_4O_6 \cdot 2HCl$   
Molecular Weight: 723.69  
Storage: Store at RT  
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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