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**Certificate of Analysis**

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Product Name: SB 277011A dihydrochloride  
Cat. No.: GC13183  
Batch No.: 1  
Chemical Name: N-((1r,4r)-4-(2-(6-cyano-3,4-dihydroisoquinolin-2(1H)-yl)ethyl)cyclohexyl)quinoline-4-carboxamide dihydrochloride

**PHYSICAL AND CHEMICAL PROPERTIES**

Cas. No.: 1226917-67-4  
Molecular Formula: C<sub>28</sub>H<sub>30</sub>N<sub>4</sub>O.2HCl  
Molecular Weight: 511.49  
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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