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**Certificate of Analysis**

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Product Name: PD 168568 dihydrochloride  
Cat. No.: GC14280  
Batch No.: 1  
Chemical Name: (R)-3-(2-(4-(3,4-dimethylphenyl)piperazin-1-yl)ethyl)isoindolin-1-one dihydrochloride

**PHYSICAL AND CHEMICAL PROPERTIES**

Cas. No.: 210688-56-5  
Molecular Formula:  $C_{22}H_{27}N_3O \cdot 2HCl$   
Molecular Weight: 422.39  
Storage: Desiccate 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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