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**Certificate of Analysis**

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Product Name: 2-PMDQ  
Cat. No.: GC13695  
Batch No.: 1  
Chemical Name: (R)-2-((4-phenylpiperazin-1-yl)methyl)-2,3-dihydroimidazo[1,2-c]quinazolin-5(6H)-one

**PHYSICAL AND CHEMICAL PROPERTIES**

Cas. No.: 139047-55-5  
Molecular Formula: C<sub>21</sub>H<sub>23</sub>N<sub>5</sub>O  
Molecular Weight: 361.45  
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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