

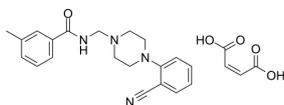
## Certificate of Analysis

**Product Name:** PD-168077 maleate  
**Cat. No.:** HY-21098A  
**CAS No.:** 630117-19-0  
**Batch No.:** 34605  
**Chemical Name:** Benzamide, N-[[4-(2-cyanophenyl)-1-piperazinyl]methyl]-3-methyl-, (2Z)-2-butenedioate (1:1)

### PHYSICAL AND CHEMICAL PROPERTIES

**Molecular Formula:** C<sub>24</sub>H<sub>26</sub>N<sub>4</sub>O<sub>5</sub>  
**Molecular Weight:** 450.49  
**Storage:**  
Powder      -20°C      3 years  
                  4°C        2 years  
In solvent   -80°C      6 months  
                  -20°C      1 month

### Chemical Structure:



### ANALYTICAL DATA

**Appearance:** White to off-white (Solid)  
**<sup>1</sup>H NMR Spectrum:** Consistent with structure  
**LCMS:** Consistent with structure  
**Purity (LCMS):** 98.44%  
**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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