

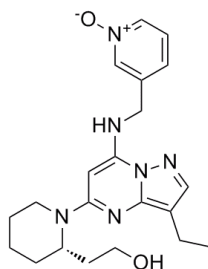
## Certificate of Analysis

**Product Name:** Dinaciclib  
**Cat. No.:** HY-10492  
**CAS No.:** 779353-01-4  
**Batch No.:** 15259  
**Chemical Name:** 2-Piperidineethanol, 1-[3-ethyl-7-[[[(1-oxido-3-pyridinyl)methyl]amino]pyrazolo[1,5-a]pyrimidin-5-yl]-, (2S)-

### PHYSICAL AND CHEMICAL PROPERTIES

**Molecular Formula:** C<sub>21</sub>H<sub>28</sub>N<sub>6</sub>O<sub>2</sub>  
**Molecular Weight:** 396.49  
**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:** Light yellow to brown (Solid)  
**<sup>1</sup>H NMR Spectrum:** Consistent with structure  
**LCMS:** Consistent with structure  
**Purity (LCMS):** 99.10%  
**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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