

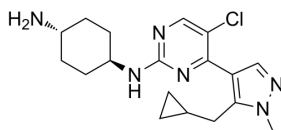
## Casein Kinase inhibitor A51

Cat. No.: HY-123954  
 CAS No.: 2079068-74-7  
 Batch No.: 119851  
 Chemical Name: 1,4-Cyclohexanediamine, N1-[5-chloro-4-[5-(cyclopropylmethyl)-1-methyl-1H-pyrazol-4-yl]-2-pyrimidinyl]-, trans-

### PHYSICAL AND CHEMICAL PROPERTIES

Molecular Formula: C<sub>18</sub>H<sub>25</sub>ClN<sub>6</sub>  
 Molecular Weight: 360.88  
 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: Off-white to brown (Solid)  
<sup>1</sup>H NMR Spectrum: Consistent with structure  
 MS: Consistent with structure  
 Purity (HPLC): 98.42%  
 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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