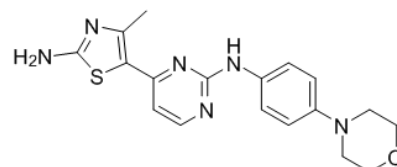


**Product Name** : CYC-116  
**Cat. No.** : PC-42650  
**CAS No.** : 693228-63-6  
**Molecular Formula** : C<sub>18</sub>H<sub>20</sub>N<sub>6</sub>OS  
**Molecular Weight** : 368.456  
**Target** : Aurora Kinase  
**Solubility** : 10 mM in DMSO



## Biological Activity

CYC-116 is a potent and selective **Aurora A/Aurora B** inhibitor with IC<sub>50</sub> of 8.0/9.2 nM.

CYC-116 shows >50-fold selectivity over CDK1/2/4/7/9.

CYC-116 exhibits antiproliferative activity against a broad panel of cancer cell lines with IC<sub>50</sub><1 uM.

CYC-116 is orally bioavailable and possesses anticancer activity in mice.

## References

Wang S, et al. J Med Chem. 2010 Jun 10;53(11):4367-78.

Zhou YH, et al. Chin J Integr Med. 2015 Aug;21(8):635-9.

**Caution: Product has not been fully validated for medical applications. Lab Use Only!**

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