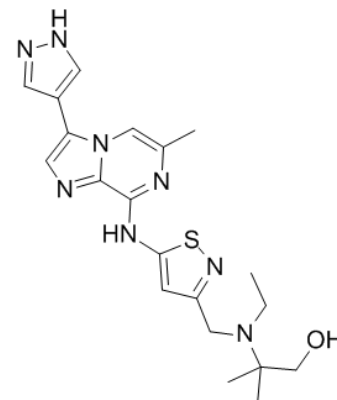


**Product Name** : SCH-1473759  
**Cat. No.** : PC-42611  
**CAS No.** : 1094069-99-4  
**Molecular Formula** : C<sub>20</sub>H<sub>26</sub>N<sub>8</sub>OS  
**Molecular Weight** : 426.5385  
**Target** : Aurora Kinase  
**Solubility** : 10 mM in DMSO



## Biological Activity

SCH-1473759 is a potent, picomolar, dual inhibitor of **Aurora A** and **Aurora B** with IC<sub>50</sub> of 0.02 and 0.03 nM, respectively. SCH-1473759 shows improved cell potency (phos-HH3 inhibition IC<sub>50</sub>=25 nM) and intrinsic aqueous solubility (11.4 mM). SCH-1473759 demonstrated efficacy and target engagement in human tumor xenograft mouse models.

## References

Yu T, et al. *ACS Med Chem Lett.* 2010 Jun 7;1(5):214-8.

Basso AD, et al. *Cancer Chemother Pharmacol.* 2011 Oct;68(4):923-33.

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

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