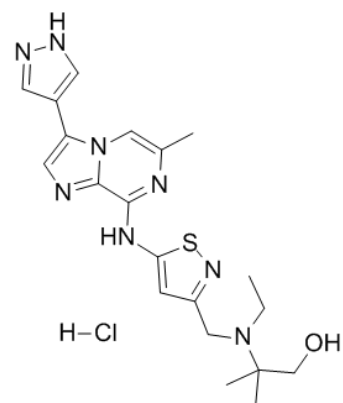


Product Name : SCH-1473759 hydrochloride
Cat. No. : PC-42612
CAS No. : 1094067-13-6
Molecular Formula : C₂₀H₂₇ClN₈OS
Molecular Weight : 462.9994
Target : Aurora Kinase
Solubility : DMSO



Biological Activity

SCH-1473759 hydrochloride is a potent, picomolar, dual inhibitor of **Aurora A** and **Aurora B** with IC₅₀ of 0.02 and 0.03 nM, respectively.

SCH-1473759 shows improved cell potency (phos-HH3 inhibition IC₅₀=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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