

**Product Name** : SCH-1473759

**Synonyms** : SCH1473759; SCH 1473759

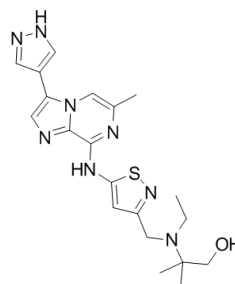
**Cat No.** : M10365

**CAS Number** : 1094069-99-4

**Molecular Formula** : C<sub>20</sub>H<sub>26</sub>N<sub>8</sub>O<sub>2</sub>S

**Formula Weight** : 426.54

**Chemical Name** : 1-Propanol, 2-[ethyl[[5-[[6-methyl-3-(1H-pyrazol-4-yl)imidazo[1,2-a]pyrazin-8-yl]amino]-3-isothiazolyl]methyl]amino]-2-methyl-



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

**Pathway** : Cell Cycle/DNA Damage

**Target** : Aurora Kinase

**Receptor** : Aurora Kinase

**Solubility** : 10 mM in DMSO

**SMILES** : CC(C)(N(CC)CC1=NSC(NC2=NC(C)=CN3C2=NC=C3C4=CN=C4)=C1)CO

**Storage** : (-20°C)

**Stability** : ≥ 2 years

**Reference** :

1. Yu T, et al. ACS Med Chem Lett. 2010 Jun 7;1(5):214-8. 2. Basso AD, et al. Cancer Chemother Pharmacol. 2011 Oct;68(4):923-33.