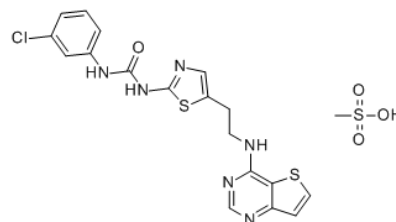


Product Name : SNS-314
Cat. No. : PC-42820
CAS No. : 1146618-41-8
Molecular Formula : C₁₉H₁₉ClN₆O₄S₃
Molecular Weight : 527.04
Target : Aurora Kinase
Solubility : 10 mM in DMSO



Biological Activity

SNS-314 is a potent, selective pan-**Aurora kinase** inhibitor with IC₅₀ of 9 and 31 nM for Aurora A and Aurora B, respectively. SNS-314 demonstrates broad activity in vitro against multiple human cancer cell lines and exhibits significant in vivo activity against a wide range of tumor xenograft models.

SNS-314 shows additive antiproliferative effects with carboplatin, gemcitabine, 5-FU, daunomycin, and SN-38 both in vitro and in vivo.

References

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VanderPorten EC, et al. *Mol Cancer Ther*. 2009 Apr;8(4):930-9.

Arbitrario JP, et al. *Cancer Chemother Pharmacol*. 2010 Mar;65(4):707-17.

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

E-mail: tech@probechem.com