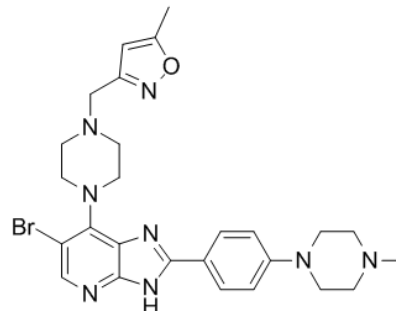


Product Name : CCT 137690
Cat. No. : PC-42703
CAS No. : 1095382-05-0
Molecular Formula : C₂₆H₃₁BrN₈O
Molecular Weight : 551.4813
Target : Aurora Kinase
Solubility : 10 mM in DMSO



Biological Activity

CCT 137690 is a potent, orally bioavailable **Aurora kinases** inhibitor with IC₅₀ of 15/25/19 nM for Aurora A/B/C, respectively.

CCT 137690 displays antiproliferative activity in a range of human tumor cell lines, including SW620 colon carcinoma (GI₅₀=0.30 μM) and A2780 ovarian cancer cell line (GI₅₀=0.14 μM).

CCT 137690 exhibits in vivo efficacy with no observed toxicities in SW620 colon carcinoma xenografts.

References

Bavetsias V, et al. *J Med Chem*. 2010 Jul 22;53(14):5213-28.

Faisal A, et al. *Mol Cancer Ther*. 2011 Nov;10(11):2115-23.

Moore AS, et al. *Leukemia*. 2012 Jul;26(7):1462-70.

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

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