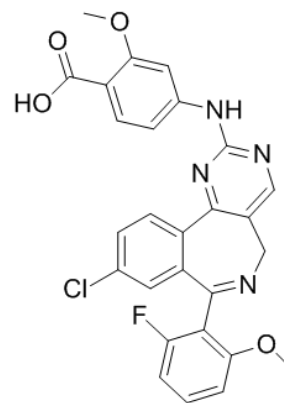


Product Name : Alisertib
Cat. No. : PC-42757
CAS No. : 1028486-01-2
Molecular Formula : C₂₇H₂₀ClFN₄O₄
Molecular Weight : 518.9235
Target : Aurora Kinase
Solubility : DMSO: 9.33 mg/mL



Biological Activity

Alisertib (MLN8237) is a potent and highly selective inhibitor of **Aurora A** (AURKA) with IC₅₀ of 1.2 nM.

Alisertib (MLN8237) has less activity against Aurora B (IC₅₀=396.5 nM) and a 205-kinase panel.

Alisertib (MLN8237) inhibits proliferation of human tumor cell lines in vitro and produces tumor growth inhibition in solid tumor xenograft models.

References

Manfredi MG, et al. *Clin Cancer Res*. 2011 Dec 15;17(24):7614-24.

Wen Q, et al. *Cell*. 2012 Aug 3;150(3):575-89.

Zhou N, et al. *Clin Cancer Res*. 2013 Apr 1;19(7):1717-28.

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

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