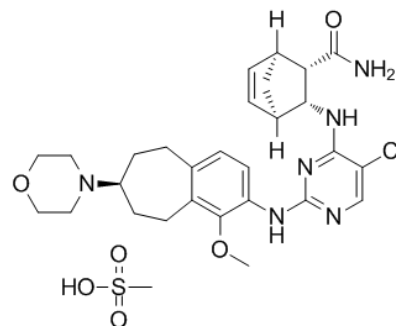


Product Name : CEP-28122 mesylate
Cat. No. : PC-45405
CAS No. : 2070009-30-0
Molecular Formula : C₂₉H₃₉ClN₆O₆S
Molecular Weight : 635.1746
Target : Anaplastic Lymphoma Kinase (ALK)
Solubility : DMSO: ≥ 6.4 mg/mL; DMSO < 9.2 mg/mL



Biological Activity

CEP-28122 mesylate is a highly potent and selective, orally active **ALK** inhibitor with IC₅₀ of 1.9 nM.

CEP-28122 mesylate exhibits no-to-weak inhibition against a panel of 259 kinases and only 15 kinases showes >90% inhibition at 1 μM.

CEP-28122 mesylate shows growth inhibition/cytotoxicity of ALCL, NSCLC, and neuroblastoma cells, and displays dose-dependent inhibition of ALK tyrosine phosphorylation in tumor xenografts in mice (30 mg/kg).

References

Cheng M, et al. *Mol Cancer Ther.* 2012 Mar;11(3):670-9.

Sullivan I, et al. *Ther Adv Med Oncol.* 2016 Jan;8(1):32-47.

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

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