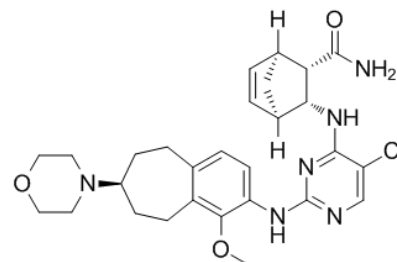


Product Name : CEP-28122
Cat. No. : PC-45404
CAS No. : 1022958-60-6
Molecular Formula : C₂₈H₃₅ClN₆O₃
Molecular Weight : 539.0689
Target : Anaplastic Lymphoma Kinase (ALK)
Solubility : 10 mM in DMSO



Biological Activity

A highly potent and selective, orally active ALK inhibitor with IC₅₀ of 1.9 nM; exhibits no-to-weak inhibition against a panel of 259 kinases and only 15 kinases shows >90% inhibition at 1 μM; 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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