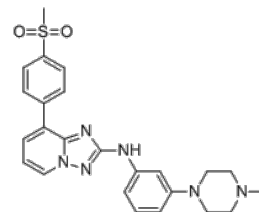


Product Name : CEP-33779
Cat. No. : PC-21900
CAS No. : 1257704-57-6
Molecular Formula : C₂₄H₂₆N₆O₂S
Molecular Weight : 462.57
Target : JAK
Solubility : 10 mM in DMSO



Biological Activity

CEP-33779 is a potent, selective, and orally bioavailable inhibitor of JAK2 with IC₅₀ of 1.3 nM, 65-fold selective over JAK-3. CEP-33779 decreases NF-κB activation modulating the proinflammatory tumor microenvironment. CEP-33779 impacts neoplasia by restricting tumor cell proliferation and angiogenesis. CEP-33779 strongly suppresses growth of established tumors in an AOM/DSS-induced model of colorectal cancer. CEP-33779 mitigates several immune parameters associated with SLE advancement, including the protection and treatment of mice with lupus nephritis.

References

Seavey MM, et al. Mol Cancer Ther. 2012 Apr;11(4):984-93.
Lu LD, et al. J Immunol. 2011 Oct 1;187(7):3840-53.

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

E-mail: tech@probechem.com