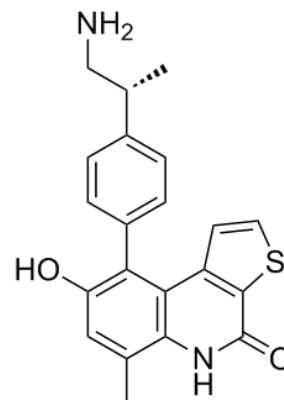


Product Name : OTS-514
Cat. No. : PC-45487
CAS No. : 1338540-63-8
Molecular Formula : C₂₁H₂₀N₂O₂S
Molecular Weight : 364.4607
Target : TOPK
Solubility : 10 mM in DMSO



Biological Activity

A highly potent and selective TOPK inhibitor with IC₅₀ of 2.6 nM; shows selectivity against a panel of 60 kinases (at 0.2 μM, 11.5-18.5% inhibition); strongly suppresses the growth of TOPK-positive cancer cells; demonstrates in vivo efficacy but causes severe hematopoietic toxicity.

References

- Matsuo Y, et al. *Sci Transl Med.* 2014 Oct 22;6(259):259ra145.
Alachkar H, et al. *Oncotarget.* 2015 Oct 20;6(32):33410-25.
Kato T, et al. *Oncotarget.* 2016 Apr 5;7(14):17652-64.

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

E-mail: tech@probechem.com