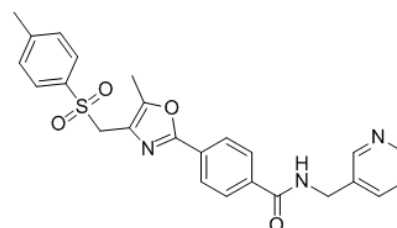


Product Name : STF-118804
Cat. No. : PC-43221
CAS No. : 894187-61-2
Molecular Formula : C₂₅H₂₃N₃O₄S
Molecular Weight : 461.5328
Target : NAMPT
Solubility : DMSO: ≥ 31 mg/mL



Biological Activity

STF-118804 (STF118804) is a potent, highly specific **NAMPT** inhibitor, reduces the viability of most B-ALL cell lines with high potency in the low nanomolar range (MV411 cell IC₅₀= 6 nM).

STF-118804 induces leukemia cell apoptosis without antecedent cell cycle arrest, shows potency in various cancer cells including high selectivity for colon and prostate cell line in an NCI-60 cell line panel screen.

STF-118804 is highly efficacious in vivo and effectively depletes leukemia stem cells.

References

Matheny CJ, et al. *Chem Biol.* 2013 Nov 21;20(11):1352-63.

Espindola-Netto JM, et al. *Oncotarget.* 2017 Jun 29;8(49):85054-85067.

Deng H, et al. *Neurochem Res.* 2016 Sep;41(9):2367-79.

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

E-mail: tech@probechem.com