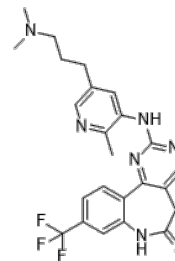


Product Name : MLN0905
Cat. No. : PC-24927
CAS No. : 1228960-69-7
Molecular Formula : C₂₄H₂₅F₃N₆S
Molecular Weight : 486.56
Target : Polo-like Kinase (PLK)
Solubility : 10 mM in DMSO



Biological Activity

MLN0905 is a potent, selective and orally bioavailable inhibitor of Polo-like kinase 1 (**PLK1**) with IC₅₀ of 2 nM. MLN0905 has EC₃₀ of 9 nM in mitotic index assay and EC₅₀ of 29 nM in Cdc25C-T96 cell-based assay. MLN0905 demonstrated prolonged mitotic arrest after oral administration of 12c to tumor bearing nude mice.

References

Duffey MO, et al. *J Med Chem*. 2012 Jan 12;55(1):197-208.

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

E-mail: tech@probechem.com