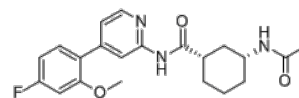


Product Name : AZ5576
Cat. No. : PC-61405
CAS No. : 2751721-40-9
Molecular Formula : C₂₁H₂₄N₃O₃
Molecular Weight : 385.43
Target : Cyclin-dependent Kinase (CDK)
Solubility : 10 mM in DMSO



CAS: 2751721-40-9

1. Taylor Hashiguchi, et al. *Mol Cancer Ther.*
2019 Sep;18(9):1520-1532.

Biological Activity

AZ5576 (AZ-5576) is a potent, highly selective, and orally bioavailable inhibitor of **CDK9** with IC₅₀ of < 5 nM, decreases phosphorylation of Ser2-RNAPII in cells with an IC₅₀ of 96 nM.

AZ5576 causes a rapid dose- and time-dependent decrease in pSer2-RNAPII with concomitant loss of Mcl1 and Myc mRNA and protein, resulting in the cleavage and activation of caspase 3 and loss of cell viability.

References

