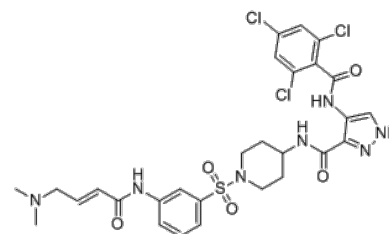


Product Name : FMF-04-159-2
Cat. No. : PC-36163
CAS No. : 2364489-81-4
Molecular Formula : C₂₈H₃₀Cl₃N₇O₅S
Molecular Weight : 683.002
Target : Cyclin-dependent Kinase (CDK)
Solubility : 10 mM in DMSO



Biological Activity

FMF-04-159-2 is a potent, selective, covalent **CDK14** inhibitor (IC₅₀=86 nM) with pan-TAIRE family specificity (CDKs 14-18). FMF-04-159-2 potently inhibited the TAIRE kinases CDK14, CDK16, CDK17, and CDK18. CDK14 was potently engaged by FMF-04-159-2 (IC₅₀=39.6 nM), and this engagement was sustained after a 2-h, compound washout (IC₅₀=56.3 nM), indicates irreversible binding. FMF-04-159-2 is a valuable tool for study of CDK14 kinase function.

References

Ferguson FM, et al. *Cell Chem Biol.* 2019 Mar 11. pii: S2451-9456(19)30070-4.

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

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