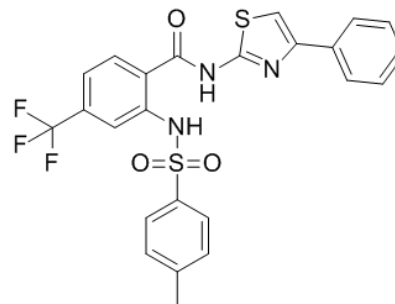


Product Name : ML364
Cat. No. : PC-42288
CAS No. : 1991986-30-1
Molecular Formula : C₂₄H₁₈F₃N₃O₃S₂
Molecular Weight : 517.5432296
Target : Deubiquitinase (DUB)
Solubility : DMSO: ≥ 33 mg/mL



Biological Activity

ML364 is a potent, selective and reversible **ubiquitin-specific protease USP2** inhibitor with IC₅₀ of 1.1 μM. ML364 also inhibits USP8 (IC₅₀=0.95 μM), and no activity against caspase 6, caspase 7, MMP1, MMP9 and USP15, as well as a panel of 102 kinases. ML364 accelerates cellular cyclin D1 degradation and causes cell cycle arrest in HCT116 cancer cell lines, also causes a decrease in homologous recombination-mediated DNA repair.

References

Davis MI, et al. *J Biol Chem*. 2016 Nov 18;291(47):24628-24640.

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

E-mail: tech@probechem.com