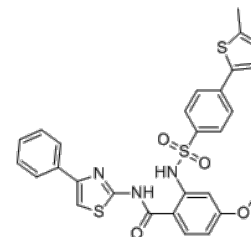


Product Name : LLK203
Cat. No. : PC-21919
CAS No. : 2758090-62-7
Molecular Formula : C₂₈H₂₃N₃O₄S₃
Molecular Weight : 561.69
Target : Deubiquitinase (DUB)
Solubility : 10 mM in DMSO



CAS: 2758090-62-7

Biological Activity

LLK203 is a potent, dual-targeting **USP2/USP8** inhibitor with IC₅₀ of 0.89/0.52 μM, potently inhibits cell proliferation of MCF-7 breast cancer cells with IC₅₀ of 3.4 μM.

LLK203 demonstrates strong degradation activity towards MDM2 and Cyclin D1, also induces ERα degradation and apoptosis of MCF-7 cells.

LLK203 (20 mg/kg, i.p.) exhibits tumor growth inhibitory efficacy of LLK203 in 4T1 tumor-bearing mice.

References

Tian Y, et al. *Eur J Med Chem.* 2024 Feb 24;268:116275.

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

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