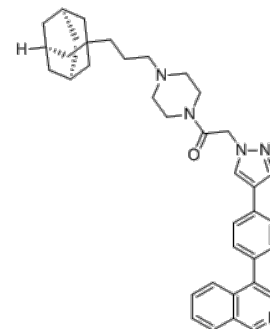


Product Name : LL-K8-22
Cat. No. : PC-20323
CAS No. : 3034487-84-5
Molecular Formula : C₃₇H₄₃N₅O
Molecular Weight : 573.79
Target : PROTAC
Solubility : 10 mM in DMSO



Biological Activity

LL-K8-22 is a potent, selective dual degrader of **CDK8** and cyclin C (MDA-MB-468 cell DC50, 2.52 and 2.64 μ M), significantly degrades CDK8 without reducing CDK19 and does not degrade other cyclin proteins.

LL-K8-22 showed enhanced anti-proliferative effects over its parental molecule BI-1347.

LL-K8-22 exhibited more pronounced effects on CDK8–cyclin C downstream signaling than BI-1347, suppressing STAT1 phosphorylation more persistently.

LL-K8-22 inhibited E2F- and MYC-driven carcinogenic transcriptional programs.

References

Mingyu Wang, et al. *J Med Chem.* 2023 Mar 17. doi: 10.1021/acs.jmedchem.2c02045.

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

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