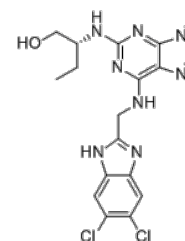


Product Name : Cyclin K degrader DS17
Cat. No. : PC-21140
CAS No. :
Molecular Formula : C₁₈H₂₀Cl₂N₈O
Molecular Weight : 435.31
Target : Cyclin-dependent Kinase (CDK)
Solubility : 10 mM in DMSO



Biological Activity

Cyclin K degrader DS17 is a selective **cyclin K** molecular glue degrader with TR-FRET EC₅₀ of 13 nM. Cyclin K degrader DS17 is more effective at depleting cyclin K than CR8 at 1 μM concentration. Cyclin K degrader DS17 acquires glue activity via simultaneous CDK12 binding and engagement of DDB1 interfacial residues, in particular Arg928.

References

Zuzanna Kozicka, et al. *Nat Chem Biol.* 2023 Sep 7. doi: 10.1038/s41589-023-01409-z.

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

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