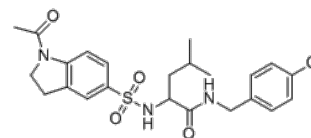


Product Name : C450-0730
Cat. No. : PC-62656
CAS No. : 1036730-46-7
Molecular Formula : C₂₃H₂₈ClN₃O₄S
Molecular Weight : 478.004
Target : Other Targets
Solubility : 10 mM in DMSO



Biological Activity

C450-0730 is a potent **LuxN** antagonist that antagonizes LuxN-AI-1 binding with IC₅₀ of 2.7 μ M. C450-0730 competes for the AI-1 binding site of LuxN. Inhibition for mutant LuxN G271D, R245L, and S184N is similar to that required to inhibit wild-type LuxN.

References

Swem LR, et al. *Cell*. 2008 Aug 8;134(3):461-73.

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

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