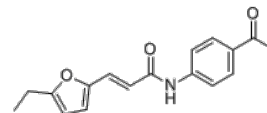


Product Name : Heclin
Cat. No. : PC-70324
CAS No. : 890605-54-6
Molecular Formula : C₁₇H₁₇NO₃
Molecular Weight : 283.32
Target : E3 Ubiquitin Ligase
Solubility : 10 mM in DMSO



Biological Activity

Heclin is a small molecule inhibitor of **HECT-type E3 ubiquitin ligase** with IC₅₀ of 6.8/6.3/6.9 μM for **Smurf2/Nedd4/WWP1**, respectively.

Heclin does not block E2 binding but causes a conformational change that results in oxidation of the active site Cys. Heclin is active against a range of HECT ligases but does not perturb the ubiquitin system more generally.

References

Mund T, et al. *Proc Natl Acad Sci U S A*. 2014 Nov 25;111(47):16736-41.

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

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