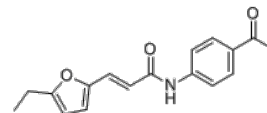


**Product Name** : Heclin  
**Cat. No.** : PC-70324  
**CAS No.** : 890605-54-6  
**Molecular Formula** : C<sub>17</sub>H<sub>17</sub>NO<sub>3</sub>  
**Molecular Weight** : 283.32  
**Target** : E3 Ubiquitin Ligase  
**Solubility** : 10 mM in DMSO



### Biological Activity

Heclin is a small molecule inhibitor of **HECT-type ubiquitin ligase** with IC<sub>50</sub> 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!**

E-mail: tech@probechem.com