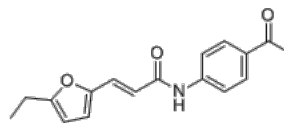


**Product Name** : Heclin  
**Synonyms** : Heclin;  
**Cat No.** : M16428  
**CAS Number** : 890605-54-6  
**Molecular Formula** : C<sub>17</sub>H<sub>17</sub>NO<sub>3</sub>  
**Formula Weight** : 283.32  
**Chemical Name** : N-(4-Acetylphenyl)-3-(5-ethyl-2-furanyl)-2-propenamide



**Description** : A small molecule inhibitor of HECT-type ubiquitin ligase with IC<sub>50</sub> of 6.8/6.3/6.9 uM for Smurf2/Nedd4/WWP1, respectively; does not block E2 binding but causes a conformational change that results in oxidation of the active site Cys; is active against a range of HECT ligases but does not perturb the ubiquitin system more generally.

**Pathway** : Proteasome/Ubiquitin

**Target** : E3 Ubiquitin Ligase

**Receptor** : E3 Ubiquitin Ligase

**Solubility** : —

**SMILES** : O=C(NC1=CC=C(C(C)=O)C=C1)/C=C/C2=CC=C(CC)O2

**Storage** : (-20°C)

**Stability** : ≥ 2 years

**Reference** :

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