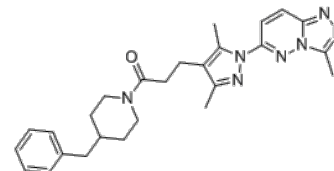


**Product Name** : C25-140  
**Cat. No.** : PC-35287  
**CAS No.** : 1358099-18-9  
**Molecular Formula** : C<sub>26</sub>H<sub>31</sub>N<sub>7</sub>O  
**Molecular Weight** : 457.582  
**Target** : Ubiquitin-conjugating Enzyme (E2)  
**Solubility** : 10 mM in DMSO



### Biological Activity

C25-140 is a specific, first-in-class small molecule inhibitor of the **TRAF6-Ubc13 interaction**, binds TRAF6, inhibits TRAF6-Ubc13 interaction and TRAF6 activity.

C25-140 effectively reduced TRAF6-mediated ubiquitin chain formation in vitro, impedes NF-κB activation in various immune and inflammatory signaling pathways also in primary human and murine cells.

C25-140 does not effect other E3 ligases (MDM2, TRIM63, ITCH, E6AP and RNF4), also does inhibit E1/E2 reactions.

### References

Brenke JK, et al. *J Biol Chem*. 2018 Jun 27. pii: jbc.RA118.002649.

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

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