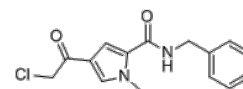


**Product Name** : USP inhibitor 1  
**Cat. No.** : PC-73353  
**CAS No.** : 2064106-47-2  
**Molecular Formula** : C<sub>15</sub>H<sub>15</sub>ClN<sub>2</sub>O<sub>2</sub>  
**Molecular Weight** : 290.747  
**Target** : Deubiquitinase (DUB)  
**Solubility** : 10 mM in DMSO



## Biological Activity

USP inhibitor 1 is an irreversible USP inhibitor with submicromolar IC<sub>50</sub> of **USP4** and its phylogenetic relative USP11, also functionally inhibits **USP33**, leading to CP110 instability and synergy with ATR inhibition in U2OS cells.

## References

Ward JA, et al. *ACS Chem Biol*. 2016 Dec 16;11(12):3268-3272.

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

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