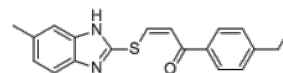


**Product Name** : UC-764864  
**Cat. No.** : PC-72868  
**CAS No.** : 278806-03-4  
**Molecular Formula** : C<sub>19</sub>H<sub>18</sub>N<sub>2</sub>OS  
**Molecular Weight** : 322.426  
**Target** : Ubiquitin-conjugating Enzyme (E2)  
**Solubility** : 10 mM in DMSO



### Biological Activity

UC-764864 (UC764864) is a small-molecule inhibitor that targeted ubiquitin-conjugating enzyme **UBE2N** active site. UC-764864 blocks ubiquitination of innate immune- and inflammatory-related substrates in human AML cell lines. Inhibition of UBE2N function disrupted oncogenic immune signaling by promoting cell death of leukemic HSPCs while sparing normal HSPCs in vitro.

### References

Laura Barreyro, et al. *Sci Transl Med*. 2022 Mar 9;14(635):eabb7695.

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

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