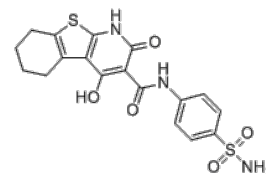


**Product Name** : M435-1279  
**Cat. No.** : PC-22046  
**CAS No.** : 1359431-16-5  
**Molecular Formula** : C<sub>18</sub>H<sub>17</sub>N<sub>3</sub>O<sub>5</sub>S<sub>2</sub>  
**Molecular Weight** : 419.47  
**Target** : Ubiquitin-conjugating Enzyme (E2)  
**Solubility** : 10 mM in DMSO



CAS: 1359431-16-5

## Biological Activity

M435-1279 is a small molecule inhibitor of UBE2T inhibitor with binding KD of 50.5 uM in MST assay, inhibits the Wnt/ $\beta$ -catenin signaling pathway hyperactivation through blocking UBE2T-mediated degradation of RACK1.

M435-1279 significantly inhibits the growth of HGC27, AGS, and MKN45 cells.

M435-1279 blocks  $\beta$ -catenin translocation into nuclear and gastric cancer (GC) progression.

M435-1279 blocks UBE2T-RACK1 axis-induced hyperactivation of the Wnt/ $\beta$ -catenin signaling pathway.

## References

Yu Z, et al. Oncogene. 2021 Feb;40(5):1027-1042.

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

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