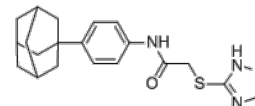


**Product Name** : MGH-CP1  
**Cat. No.** : PC-49541  
**CAS No.** : 896657-58-2  
**Molecular Formula** : C<sub>20</sub>H<sub>24</sub>N<sub>4</sub>OS  
**Molecular Weight** : 368.50  
**Target** : YAP-TEAD  
**Solubility** : 10 mM in DMSO



## Biological Activity

MGH-CP1 is a specific small molecule TEAD palmitoylation inhibitor, exhibits dose-dependent and potent inhibition of **TEAD2/4** auto-palmitoylation in vitro with IC<sub>50</sub> of 710 nM and 672 nM, respectively.

MGH-CP1 treatment markedly decreased the palmitoylation levels of endogenous or ectopically expressed TEAD proteins in cells.

MGH-CP1 does not affect auto-palmitoylation of several ZDHHC-family palmitoyl acyltransferases.

MGH-CP1 selectively blocks YAP/TAZ-TEAD downstream transcription in vitro.

MGH-CP1 potently inhibited crypt over-proliferation in Lats1/2 KO intestine, suppresses Myc expression, inhibits over-proliferation, and induces apoptosis in APC-mutated intestine.

## References

Li Q, et al. *Cell Stem Cell*. 2020;26:675–692 e678.

Sun Y, et al. *Nat Commun*. 2022 Nov 8;13(1):6744.

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

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