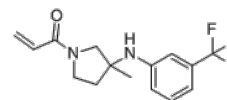


**Product Name** : MYF-01-37  
**Cat. No.** : PC-73155  
**CAS No.** : 2416417-65-5  
**Molecular Formula** : C<sub>15</sub>H<sub>17</sub>F<sub>3</sub>N<sub>2</sub>O  
**Molecular Weight** : 298.309  
**Target** : Yes-associated Protein (YAP)  
**Solubility** :



## Biological Activity

MYF-01-37 is a novel covalent TEAD inhibitor targeting Cys380, binds to palmitoylation pocket in TEAD1, targets YAP dependency upon combined EGFR/MEK inhibition.

MYF-01-37 exhibited inhibition of direct YAP/TEAD interaction in HEK 293T cells and the reduction in canonical YAP target gene CTGF expression in PC-9 cells, this reduction effect was abrogated by the overexpression of TEAD1 C359S mutant that disrupts the covalent binding of the drug to TEAD, but not by overexpression of wild-type TEAD1.

MYF-01-37 combined with OT completely suppressed the increased YAP activity induced by OT treatment in PC-9 YAP reporter cells, led to a robust increase in BMF expression, and to subsequent increase in apoptosis in PC-9 and HCC4006 cells compared to OT alone

## References

Kari J Kurppa, et al. Cancer Cell. 2020 Jan 13;37(1):104-122.e12.

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

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