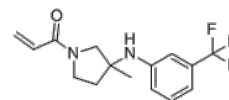


Product Name : MYF-01-37
Cat. No. : PC-73155
CAS No. : 2416417-65-5
Molecular Formula : C₁₅H₁₇F₃N₂O
Molecular Weight : 298.309
Target : YAP-TEAD
Solubility : 10 mM in DMSO



Biological Activity

MYF-01-37 (MYF-1-37) 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 (MYF-1-37) exhibits 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 (MYF-1-37) 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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