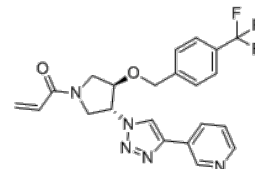


Product Name : MYF-03-69
Cat. No. : PC-49408
CAS No. : 2416418-11-4
Molecular Formula : C₂₂H₂₀F₃N₅O₂
Molecular Weight : 443.430
Target : YAP-TEAD
Solubility : 10 mM in DMSO



Biological Activity

MYF-03-69 is a selective, covalent, irreversible **TEAD** inhibitor, binds with TEAD palmitate pocket, disrupts **YAP-TEAD** association, suppresses TEAD transcriptional activity (IC₅₀=45 nM) and inhibits cell growth of defective Hippo signaling. MYF-03-69 is a pan-TEAD inhibitor, potently inhibits palmitoylation with similar IC₅₀ values at submicromolar concentrations.

MYF-03-69 inhibits TEAD palmitoylation and disrupts endogenous YAP-TEAD association in cells.

MYF-03-69 inhibits TEAD transcription and downregulates YAP target genes expression in mesothelioma cells.

MYF-03-69 selectively inhibits proliferation of cancer cells with YAP or TEAD dependency regardless of lineage.

References

Mengyang Fan, et al. *Elife*. 2022 Oct 27;11:e78810.

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

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