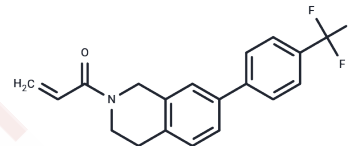


## pan-TEAD-IN-1

## Chemical Properties

CAS No. :	3027484-09-6
Formula:	C19H16F3NO
Molecular Weight:	331.33
Storage:	Powder: -20°C for 3 years   In solvent: -80°C for 1 year Actual storage temperature shall be subject to the COA.



## Biological Description

Description	pan-TEAD-IN-1 (Compound 3) is an orally active pan-inhibitor of TEAD, disrupting its interaction with coactivators YAP/TAZ by targeting the palmitoylation site of TEAD. This inhibition leads to the downregulation of oncogene transcription, such as Ctgf and Cyr61, within the Hippo signaling pathway. Demonstrating outstanding efficacy, pan-TEAD-IN-1 has an IC50 of 0.36 nM for luciferase and 1.52 nM for H226 cells, along with favorable pharmacokinetic properties (AUC0-∞= 228.7 µg/mL·min, T1/2= 183.9 min). The compound significantly inhibits tumor growth in xenograft models of TEAD-dependent cancers, indicating its potential for research in these cancer types.
Targets(IC50)	YAP

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	3.0181 mL	15.0907 mL	30.1814 mL
5 mM	0.6036 mL	3.0181 mL	6.0363 mL
10 mM	0.3018 mL	1.5091 mL	3.0181 mL
50 mM	0.0604 mL	0.3018 mL	0.6036 mL

Please select the appropriate solvent to prepare the stock solution, according to the solubility of the product in different solvents. Please use it as soon as possible.

Note: The dilution table applies only to solid products. For liquid products, please calculate the stock solution based on the stated concentration and/or density.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

This product is for Research Use Only · Not for Human or Veterinary or Therapeutic Use

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