

## YAP/TAZ-TEAD-IN-2

## Chemical Properties

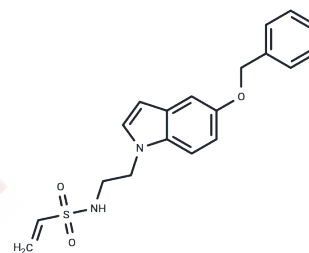
CAS No. :

Formula: C19H20N2O3S

Molecular Weight: 356.44

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	YAP/TAZ-TEAD-IN-2 (Compound 51) is a YAP/TAZ-TEAD inhibitor that disrupts the interaction between YAP/TAZ and TEAD. It inhibits the transcriptional activity of TEAD with an IC50 of 1.2 nM. Additionally, YAP/TAZ-TEAD-IN-2 suppresses the expression of target genes (Cyr61, CTGF, AXL, and Survivin) and the proliferation of breast cancer cells.
Targets(IC50)	PKC, Survivin, TAM Receptor, YAP
In vitro	YAP/TAZ-TEAD-IN-2 exhibits a dose-dependent inhibition of MDA-MB-231 cell proliferation, with an IC 50 of 4.4 μM, at concentrations ranging from 2.5 to 20 μM over a period of 72 hours. Additionally, this compound, at concentrations of 1 to 10 μM for 48 hours, suppresses the expression of four primary YAP/TAZ-TEAD target proteins in MDA-MB-231 cells, namely Cyr61, CTGF, AXL, and BIRC5 (Survivin).

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.8055 mL	14.0276 mL	28.0552 mL
5 mM	0.5611 mL	2.8055 mL	5.611 mL
10 mM	0.2806 mL	1.4028 mL	2.8055 mL
50 mM	0.0561 mL	0.2806 mL	0.5611 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

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