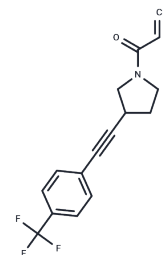


## TEAD-IN-11

## Chemical Properties

CAS No. :	3032196-88-3
Formula:	C <sub>16</sub> H <sub>14</sub> F <sub>3</sub> NO
Molecular Weight:	293.28
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	TEAD-IN-11 (compound 38) exhibits potent inhibitory activity against TEAD1, TEAD2, and TEAD3, with IC <sub>50</sub> values of 8.7, 3.4, and 5.6 nM, respectively. TEAD-IN-11 (compound 38) functions as a selective covalent inhibitor of these TEAD isoforms. TEAD-IN-11 (compound 38) is applicable to investigations involving Hippo pathway signaling, TEAD-mediated transcriptional regulation, and cancer-associated proliferative signaling mechanisms.
Targets(IC <sub>50</sub> )	YAP
In vitro	TEAD-IN-11 exhibits a strong inhibitory effect on MCF-7 reporter gene assays (IC <sub>50</sub> ≤ 10 nM)[1]. TEAD-IN-11 demonstrates excellent selectivity for TEAD1 and TEAD2, achieving 93% and 95% inhibition respectively in HEK293T cells[1].

## Solubility Information

Solubility	DMSO: 2.66 mg/mL (9.07 mM), Sonication is recommended. (< 1 mg/ml refers to the product slightly soluble or insoluble)
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## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	3.4097 mL	17.0486 mL	34.0971 mL
5 mM	0.6819 mL	3.4097 mL	6.8194 mL
10 mM	0.341 mL	1.7049 mL	3.4097 mL
50 mM	0.0682 mL	0.341 mL	0.6819 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.

Reference

Henry William, et al. Yap/taz-tead oncoproteins inhibitors.WO2024059317A1.2023-09-15

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