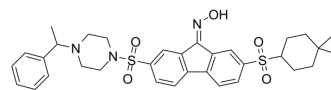


## YAP/TAZ inhibitor-1

Cat. No.:	HY-111429
CAS No.:	2093565-23-0
Molecular Formula:	C <sub>33</sub> H <sub>39</sub> N <sub>3</sub> O <sub>5</sub> S <sub>2</sub>
Molecular Weight:	621.81
Target:	YAP
Pathway:	Stem Cell/Wnt
Storage:	4°C, protect from light * In solvent : -80°C, 6 months; -20°C, 1 month (protect from light)



### SOLVENT & SOLUBILITY

In Vitro	DMSO : 62.5 mg/mL (100.51 mM; Need ultrasonic)						
	Preparing Stock Solutions	Solvent Concentration	Mass	1 mg	5 mg	10 mg	
				1 mM	1.6082 mL	8.0410 mL	16.0821 mL
				5 mM	0.3216 mL	1.6082 mL	3.2164 mL
				10 mM	0.1608 mL	0.8041 mL	1.6082 mL
Please refer to the solubility information to select the appropriate solvent.							
In Vivo	1. Add each solvent one by one: 10% DMSO >> 40% PEG300 >> 5% Tween-80 >> 45% saline Solubility: ≥ 2.5 mg/mL (4.02 mM); Clear solution						
	2. Add each solvent one by one: 10% DMSO >> 90% (20% SBE-β-CD in saline) Solubility: 2.5 mg/mL (4.02 mM); Suspended solution; Need ultrasonic						
	3. Add each solvent one by one: 10% DMSO >> 90% corn oil Solubility: 2.5 mg/mL (4.02 mM); Suspended solution; Need ultrasonic						

### BIOLOGICAL ACTIVITY

Description	YAP/TAZ inhibitor-1 is a YAP/TAZ inhibitor extracted from patent WO2017058716A1, Compound 1, has an IC <sub>50</sub> of <0.100 μM in firefly luciferase assay <sup>[1]</sup> .
IC <sub>50</sub> & Target	YAP/TAZ
In Vitro	YAP and TAZ are transcriptional co-activators of the Hippo pathway network and regulate cell proliferation, migration, and apoptosis. YAP/TAZ inhibitor-1 is an inhibitor of transcriptional coactivator with PDZ binding motif/Yes- associated protein transcriptional coactivator (TAZ/YAP). MCE has not independently confirmed the accuracy of these methods. They are for reference only.

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## CUSTOMER VALIDATION

- Cells. 2021 Oct 26;10(11):2899.
- Int J Mol Sci. 2021 Apr 21;22(9):4322.
- Front Pharmacol. 2020 Aug 27;11:537265.
- Dig Liver Dis. 2023 May 25;S1590-8658(23)00623-0.
- Research Square Preprint. 2021 Aug.

See more customer validations on [www.MedChemExpress.com](http://www.MedChemExpress.com)

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## REFERENCES

[1]. Tracy Tzu-Ling Tang Lin, et al. Tricyclic compounds. WO2017058716A1.

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**Caution: Product has not been fully validated for medical applications. For research use only.**

Tel: 609-228-6898

Fax: 609-228-5909

E-mail: [tech@MedChemExpress.com](mailto:tech@MedChemExpress.com)

Address: 1 Deer Park Dr, Suite Q, Monmouth Junction, NJ 08852, USA