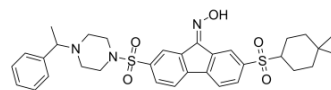


YAP/TAZ inhibitor-1

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



SOLVENT & SOLUBILITY

In Vitro

DMSO : 62.5 mg/mL (100.51 mM; Need ultrasonic)
H₂O : < 0.1 mg/mL (insoluble)

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

- 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
- 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
- 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 IC₅₀ of <0.100 μM in firefly luciferase assay^[1].

IC₅₀ & 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.

CUSTOMER VALIDATION

- Front Pharmacol. 2020 Aug 27;11:537265.

See more customer validations on www.MedChemExpress.com

REFERENCES

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

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

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