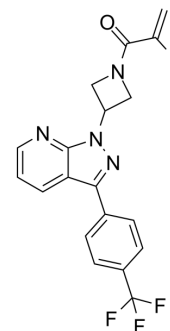


YAP/TAZ inhibitor-2

Cat. No.:	HY-147322		
CAS No.:	2762617-31-0		
Molecular Formula:	C ₁₉ H ₁₄ F ₄ N ₄ O		
Molecular Weight:	390.33		
Target:	YAP		
Pathway:	Stem Cell/Wnt		
Storage:	Powder	-20°C	3 years
	In solvent	-80°C	6 months
		-20°C	1 month



SOLVENT & SOLUBILITY

In Vitro

DMSO : 100 mg/mL (256.19 mM; Need ultrasonic)

Concentration	Solvent	Mass		
		1 mg	5 mg	10 mg
Preparing Stock Solutions	1 mM	2.5619 mL	12.8097 mL	25.6193 mL
	5 mM	0.5124 mL	2.5619 mL	5.1239 mL
	10 mM	0.2562 mL	1.2810 mL	2.5619 mL

Please refer to the solubility information to select the appropriate solvent.

BIOLOGICAL ACTIVITY

Description

YAP/TAZ inhibitor-2 is a potent and orally active TEAD-YAP/TAZ inhibitor with an EC₅₀ value of 3 nM. YAP/TAZ inhibitor-2 shows anti-proliferative activity. YAP/TAZ inhibitor-2 shows antitumor activity^[1].

IC₅₀ & Target

EC₅₀: 3 nM (TEAD-YAP/TAZ)^[1]

In Vitro

YAP/TAZ inhibitor-2 (compound 5) (0-20000 nM; 24 h) shows antiproliferative activity with an IC₅₀ value of 5.33 nM in NCI-H226 cells^[1].

MCE has not independently confirmed the accuracy of these methods. They are for reference only.

In Vivo

YAP/TAZ inhibitor-2 (0.5, 2, 5, 50 mg/kg; p.o.; daily for 28 days) shows anti-tumor activity with no significant body weight loss during the treatment in BALB/c nude mice (NCI-H226 xenograft model)^[1].

MCE has not independently confirmed the accuracy of these methods. They are for reference only.

REFERENCES

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

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