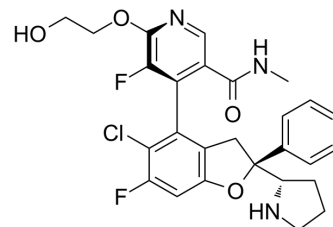


YAP-TEAD-IN-3

Cat. No.:	HY-153811		
CAS No.:	2714434-21-4		
Molecular Formula:	C ₂₇ H ₂₆ ClF ₂ N ₃ O ₄		
Molecular Weight:	529.96		
Target:	YAP		
Pathway:	Stem Cell/Wnt		
Storage:	Powder	-20°C	3 years
		4°C	2 years
	In solvent	-80°C	6 months
		-20°C	1 month



SOLVENT & SOLUBILITY

In Vitro

DMSO : 125 mg/mL (235.87 mM; Need ultrasonic)

Concentration	Mass		
	1 mg	5 mg	10 mg
1 mM	1.8869 mL	9.4347 mL	18.8693 mL
5 mM	0.3774 mL	1.8869 mL	3.7739 mL
10 mM	0.1887 mL	0.9435 mL	1.8869 mL

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

BIOLOGICAL ACTIVITY

Description

YAP-TEAD-IN-3 (compound 155) is a YAP/TAZ-TEAD inhibitor. YAP-TEAD-IN-3 inhibits Avi-humanTEAD⁴²¹⁷⁻⁴³⁴ with an IC₅₀ value of 9 nM. YAP-TEAD-IN-3 also inhibits NCI-H2052 with an GI₅₀ of 0.048 μM (cell proliferation) and an IC₅₀ of 0.048 μM (YAP reporter gene expression) respectively^[1].

IC₅₀ & Target

IC₅₀: 9 nM (YAP-TEAD)^[1]

REFERENCES

[1]. Bordas V, et al. Preparation of biaryl derivatives as YAP/TAZ-TEAD protein-protein interaction inhibitors. World Intellectual Property Organization, WO2021186324 A1. 2021-09-23.

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

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