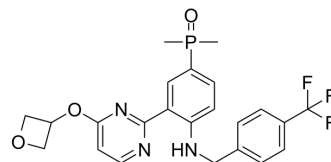


TEAD-IN-9

Cat. No.:	HY-161443
Molecular Formula:	C ₂₃ H ₂₃ F ₃ N ₃ O ₃ P
Molecular Weight:	477.42
Target:	YAP
Pathway:	Stem Cell/Wnt
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description	TEAD-IN-9 (compound 17) is a TEAD1 inhibitor with an IC ₅₀ of 0.29 μM. TEAD-IN-9 targets the palmitoyl pocket of TEAD, thereby effectively inhibiting the binding of YAP-TEAD and blocking the transcriptional function of YAP-TEAD ^[1] .											
In Vivo	Pharmacokinetic Analysis in SD rats ^[1]											
	Route	Dose (mg/kg)	C _{max} (ng/mL)	T _{max} (h)	AUC _{0-t} (ng·h/mL)	AUC _{0-∞} (ng·h/mL)	V _{ss} (L/kg)	Cl (L/h/kg)	MRT _{0-t} (h)	MRT _{0-∞} (h)	t _{1/2} (h)	F (%)
	i.g.	10	1477	0.5	4662	5688	/	/	2.84	4.66	3.46	51.9
	i.v.	1	598	/	899	924	1.947	1.082	1.55	1.80	1.94	51.9
	MCE has not independently confirmed the accuracy of these methods. They are for reference only.											

REFERENCES

[1]. Dong Liu. Small molecule compound having phosphorylated aryl structure, and use thereof. WO2024061366A1.

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

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