EZH2/HSP90-IN-29

Cat. No.:	HY-163288	
Molecular Formula:	$C_{40}H_{48}N_4O_6$	
Molecular Weight:	680.83	
Target:	Histone Methyltransferase; HSP; Apoptosis	
Pathway:	Epigenetics; Cell Cycle/DNA Damage; Metabolic Enzyme/Protease; Apoptosis	
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.	



Product Data Sheet

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	Result:	Decreased expressions of CDK1 and cyclin B1, increased cleaved caspase-3.	
In Vivo	EZH2/HSP90-IN-29 (20 mg/kg,i.p., twice a week for 40 days) inhibited Pt3R induced tumor growth in Pt3R xenograft NOD.CB17-Prkdc ^{scid} /NCrCrl mice ^[1] . MCE has not independently confirmed the accuracy of these methods. They are for reference only.		
	Animal Model:	Pt3R xenograft NOD.CB17-Prkdc ^{scid} /NCrCrl mice ^[1]	
	Dosage:	10-20 mg/kg	
	Administration:	i.p., twice a week for 40 days	
	Result:	Inhibited tumor growth.	

REFERENCES

[1]. Sharma S, et al., First-in-Class Dual EZH2-HSP90 Inhibitor Eliciting Striking Antiglioblastoma Activity In Vitro and In Vivo. J Med Chem. 2024 Feb 22;67(4):2963-2985.

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

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