Nampt degrader-2

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®

Cat. No.:	HY-152154	
Molecular Formula:	C ₅₉ H ₇₃ N ₉ O ₇ S	
Molecular Weight:	1052.33	
Target:	PROTACs; NAMPT	N
Pathway:	PROTAC; Metabolic Enzyme/Protease	U
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.	



BIOLOGICAL ACTIV		
Description	Nampt degrader-2 is a flu binds to NAMPT and VHL proteasome system (UPS	iorescent PROTAC, which efficiently degrades NAMPT with an IC ₅₀ of 41.9 nM. Nampt degrader-2 to form a ternary complex and subsequently induced NAMPT degradation via ubiquitin- i). Nampt degrader-2 leads to significant reduction of NAD ⁺ and exerts potent antitumor activities ^[1]
IC ₅₀ & Target	VHL	NAMPT 41.9 nM (IC ₅₀)
In Vitro	Nampt degrader-2 (Comp enables the visualization Nampt degrader-2 (Comp 12.1 nM) ^[1] . MCE has not independent Western Blot Analysis ^[1] Cell Line: Concentration: Incubation Time: Result:	 bound B4; 30 nM; 24 h) is able to degrade NAMPT with a DC₅₀ value of 8.4 nM. Nampt degrader-2 of degradation in A2780 cells^[1]. bound B4) shows the best antitumor activity in suppression of the proliferation in A2780 cells (IC₅₀ = tly confirmed the accuracy of these methods. They are for reference only. A2780 cells 30 nM 24 h Were able to degrade NAMPT in A2780 cells at the concentration of 30 nM.
In Vivo	Nampt degrader-2 (Comp in a dose-dependent mar MCE has not independent Animal Model: Dosage: Administration:	 bound B4; 10-30 mg/kg; i.p; once a day; for 14 consecutive days) shows excellent antitumor effects oner. And Nampt degrader-2 significantly decreases the NAMPT levels in the tumors^[1]. tly confirmed the accuracy of these methods. They are for reference only. BALB/C nude female mice (4-5 weeks of age, 14-18 g) injected with A2780 cells^[1] 10 mg/kg, 30 mg/kg i.p; once a day; for 14 consecutive days

Product Data Sheet

Result: Achieved excellent antitumor effects in a dose-dependent manner.		
	Result:	Achieved excellent antitumor effects in a dose-dependent manner.

REFERENCES

[1]. Junfei Cheng, et al. Making Protein Degradation Visible: Discovery of Theranostic PROTACs for Detecting and Degrading NAMPT. J Med Chem. 2022 Dec 8;65(23):15725-15737.

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

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