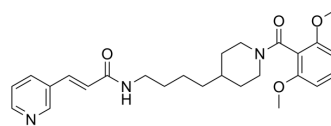


Nampt-IN-9

Cat. No.:	HY-147838
CAS No.:	2180973-35-5
Molecular Formula:	C ₂₆ H ₃₃ N ₃ O ₄
Molecular Weight:	451.56
Target:	NAMPT
Pathway:	Metabolic Enzyme/Protease
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description	Nampt-IN-9 (Compound 8) is a potent NAMPT inhibitor with anticancer activities. Nampt-IN-9 can be used for pancreatic ductal adenocarcinoma research ^[1] .
In Vitro	Nampt-IN-9 (Compound 8) shows anti-proliferative activity with IC ₅₀ values of 0.8, 0.5, 0.004 and 0.6 nM against Jurkat, MIA PaCa-2, BxPC-3, PANC-1 cells, respectively ^[1] . Nampt-IN-9 (0-1 μM) blunts NAD ⁺ and ATP levels and activates caspase 3 in Jurkat leukemia cells ^[1] . MCE has not independently confirmed the accuracy of these methods. They are for reference only.

REFERENCES

[1]. Bai JF, et al. Identification of new FK866 analogues with potent anticancer activity against pancreatic cancer. Eur J Med Chem. 2022 Jun 2;239:114504.

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

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