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Produktinformation



Forschungsprodukte & Biochemikalien



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Diagnostik & molekulare Diagnostik



Laborgeräte & Service

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Lieferung & Zahlungsart

siehe unsere [Liefer- und Versandbedingungen](#)

Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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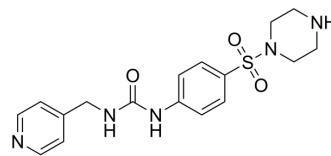
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NAMPT activator-6

Cat. No.:	HY-163445
CAS No.:	2237267-86-4
Molecular Formula:	C ₁₇ H ₂₁ N ₅ O ₃ S
Molecular Weight:	375.45
Target:	NAMPT
Pathway:	Metabolic Enzyme/Protease
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description

NAMPT activator-6 is a NAMPT activator, a regulatory molecule for the optical control system of NAMPT and NAD⁺. NAMPT activator-6 can be used to design efficient photoswitchable proteolysis-targeting chimeras (PS-PROTACs) to achieve up-down reversible regulation of NAMPT and NAD⁺ in a light-dependent manner and reduce the toxicity associated with inhibitor-based PS-PROTACs. PS-PROTAC can be used to achieve antitumor activity, NAMPT, and NAD⁺ modulation in vivo via optical manipulation^[1].

REFERENCES

[1]. Cheng J, et al. Photoswitchable PROTACs for Reversible and Spatiotemporal Regulation of NAMPT and NAD. *Angew Chem Int Ed Engl.* 2024 Mar 18;63(12):e202315997.

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

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