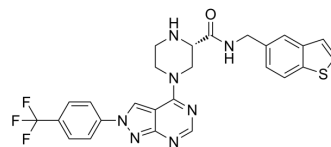


## Nampt activator-4

Cat. No.:	HY-157421
CAS No.:	2847156-05-0
Molecular Formula:	C <sub>26</sub> H <sub>22</sub> F <sub>3</sub> N <sub>7</sub> OS
Molecular Weight:	537.56
Target:	NAMPT
Pathway:	Metabolic Enzyme/Protease
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



### BIOLOGICAL ACTIVITY

Description	Nampt activator-4 is a positive allosteric modulator (N-PAM) of nicotinamide phosphoribosyltransferase (NAMPT) with an EC <sub>50</sub> of 0.058 μM. Nampt activator-4 can enhance the nicotinamide adenine dinucleotide (NAD <sup>+</sup> ) in cells <sup>[1]</sup> .
IC <sub>50</sub> & Target	EC <sub>50</sub> : 0.058 μM (NAMPT) <sup>[1]</sup> .

### REFERENCES

[1]. Shen, Zhengnan et al. Synthesis, Optimization, and Structure-Activity Relationships of Nicotinamide Phosphoribosyltransferase (NAMPT) Positive Allosteric Modulators (N-PAMs). Journal of medicinal chemistry vol. 66,24 (2023):16704-16727.

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

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