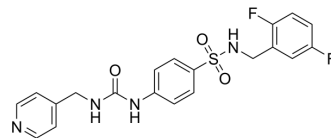


## Nampt activator-5

Cat. No.:	HY-162269
Molecular Formula:	C <sub>20</sub> H <sub>18</sub> F <sub>2</sub> N <sub>4</sub> O <sub>3</sub> S
Molecular Weight:	432.44
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-5 (compound C8) is a potent nicotinamide phosphoribosyltransferase (NAMPT) activator with a  $K_D$  value of 6.19  $\mu$ M. Nampt activator-5 shows a cellular antisenescence effect. Nampt activator-5 promotes the production of NAD<sup>+</sup> in the brain and reduces the expression of age-related markers and secretory phenotypes. Nampt activator-5 has the potential for the research of age-related diseases<sup>[1]</sup>.

### REFERENCES

[1]. Yang S, et al. Discovery of a Potent Nicotinamide Phosphoribosyltransferase Activator for Improving Aging-associated Dysfunctions. J Med Chem. 2024 Feb 17.

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

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