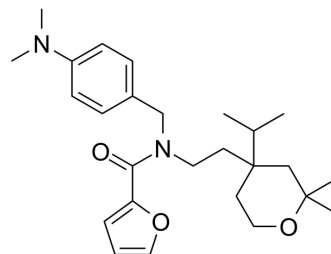


## JGB-1-155

Cat. No.:	HY-163280
CAS No.:	3011930-28-9
Molecular Formula:	C <sub>26</sub> H <sub>38</sub> N <sub>2</sub> O <sub>3</sub>
Molecular Weight:	426.59
Target:	NAMPT
Pathway:	Metabolic Enzyme/Protease
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



### BIOLOGICAL ACTIVITY

Description	JGB-1-155 is a positive allosteric modulators (N-PAMs), which enhances the activity of nicotinamide phosphoribosyltransferase NAMPT with EC <sub>50</sub> of 3.29 μM. JGB-1-155 counteracts the oxidative stress, through upregulating the NAD <sup>+</sup> in THP-1 human monocytes. JGB-1-155 attenuates TNFα-induced ROS in HT-22 cells [1].
IC <sub>50</sub> & Target	EC <sub>50</sub> : NAMPT (3.29 μM)

### REFERENCES

[1]. Gordon-Blake J, et al., Nicotinamide Phosphoribosyltransferase Positive Allosteric Modulators Attenuate Neuronal Oxidative Stress. ACS Med Chem Lett. 2024 Jan 24;15(2):205-214.

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

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