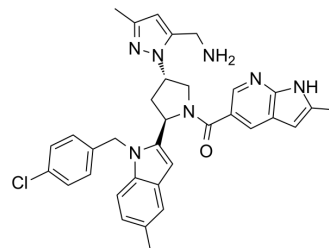


NNMT-IN-3

Cat. No.:	HY-151193
Molecular Formula:	C ₃₄ H ₃₄ ClN ₇ O
Molecular Weight:	592.13
Target:	Others
Pathway:	Others
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description	NNMT-IN-3 (compound 14) is a potent and selective nicotinamide N-methyltransferase NNMT inhibitor with IC ₅₀ values of 1.1 nM and 0.4 μM in cell-free and cell-based assays, respectively. NNMT-IN-3 can be used to research obesity, type 2 diabetes, alcohol-related liver disease, cancer, sarcopenia and so on ^[1] .
IC ₅₀ & Target	IC ₅₀ : 1.1 nM (NNMT, cell-free), 0.4 μM (NNMT, cell-based) ^[1]

REFERENCES

[1]. Yoshida S, et al. Peptide-to-Small Molecule: A Pharmacophore-Guided Small Molecule Lead Generation Strategy from High-Affinity Macrocyclic Peptides. *J Med Chem.* 2022 Aug 11;65(15):10655-10673.

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

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