

NLS-StAx-h

Cat. No.:	HY-P2272
Molecular Formula:	C ₅₃ H ₁₀₀ N ₁₉ O ₁₀ V ₂ W
Molecular Weight:	3445.26
Target:	Wnt; β -catenin
Pathway:	Stem Cell/Wnt
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.

BIOLOGICAL ACTIVITY

Description	NLS-StAx-h is a selective, stapled peptide inhibitor of Wnt signaling with an IC ₅₀ of 1.4 μ M. NLS-StAx-h efficiently inhibits β -catenin-transcription factor interactions. NLS-StAx-h inhibits proliferation and migration of colorectal cancer cells ^[1] .
IC₅₀ & Target	Wnt 1.4 μ M (IC ₅₀)
In Vitro	NLS-StAx-h (10 μ M, 72 hr) reduces the viability of both SW-480 and DLD-1 by more than 80%. NLS-StAx-h results in gene expression changes ^[1] . MCE has not independently confirmed the accuracy of these methods. They are for reference only.

REFERENCES

[1]. Laura Dietrich, et al. Cell Permeable Stapled Peptide Inhibitor of Wnt Signaling That Targets β -Catenin Protein-Protein Interactions

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

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