

## xStAx-VHLL

<b>Cat. No.:</b>	HY-P5819
<b>Molecular Formula:</b>	C <sub>154</sub> H <sub>244</sub> N <sub>48</sub> O <sub>29</sub>
<b>Molecular Weight:</b>	3231.89
<b>Sequence:</b>	Ac-Arg-Arg-Trp-Pro-Arg-{S5}-Ile-Leu-Asp-{S5}-His-Val-Arg-Arg-Val-Trp-Arg-{Ahx}-Ala-Leu-Ala-Pro-Tyr-Ile-Pro-NH <sub>2</sub>
<b>Sequence Shortening:</b>	Ac-RRWPR{S5}ILD{S5}HVRVWR-{Ahx}-ALAPYIP-NH <sub>2</sub>
<b>Target:</b>	Wnt; APC; PROTACs; β-catenin
<b>Pathway:</b>	Stem Cell/Wnt; Cell Cycle/DNA Damage; PROTAC
<b>Storage:</b>	Please store the product under the recommended conditions in the Certificate of Analysis.

## BIOLOGICAL ACTIVITY

### Description

xStAx-VHLL is a PROTAC β-catenin degrader that manifests strong inhibition of Wnt signaling and sustains degradation of β-catenin in cancer cells and the intestinal organoids derived from wild-type and APC<sup>-/-</sup> mice. xStAx-VHLL can be used as a promising anticancer agent<sup>[1]</sup>.

## REFERENCES

[1]. Liao H, et al. A PROTAC peptide induces durable β-catenin degradation and suppresses Wnt-dependent intestinal cancer. *Cell Discov.* 2020 Jun 9;6:35.

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

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