

## xStAx-VHLL TFA

<b>Cat. No.:</b>	HY-P5819A	
<b>Molecular Formula:</b>	C <sub>154</sub> H <sub>244</sub> N <sub>48</sub> O <sub>29</sub> ·xC <sub>2</sub> HF <sub>3</sub> O <sub>2</sub>	
<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}HVRRVWR-{Ahx}-ALAPYIP-NH <sub>2</sub>	Ac-RRWPR(S <sub>5</sub> )ILD(S <sub>5</sub> )HVRRVWR-(Ahx)-ALAPYIP-NH <sub>2</sub> (TFA salt)
<b>Target:</b>	β-catenin; PROTACs	
<b>Pathway:</b>	Stem Cell/Wnt; PROTAC	
<b>Storage:</b>	Sealed storage, away from moisture and light	
	Powder	-80°C 2 years
		-20°C 1 year
	* In solvent : -80°C, 6 months; -20°C, 1 month (sealed storage, away from moisture and light)	

### SOLVENT & SOLUBILITY

<b>In Vitro</b>	H <sub>2</sub> O : 100 mg/mL (Need ultrasonic)
	DMSO : 100 mg/mL (Need ultrasonic)

### BIOLOGICAL ACTIVITY

<b>Description</b>	xStAx-VHLL TFA, a PROTAC, sustains β-catenin degradation and manifested strong inhibition of Wnt signaling. xStAx-VHLL TFA promotes β-catenin ubiquitination <sup>[1]</sup> .
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### REFERENCES

[1]. Hongwei Liao, 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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