



SZABO SCANDIC

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Produktinformation



Forschungsprodukte & Biochemikalien



Zellkultur & Verbrauchsmaterial



Diagnostik & molekulare Diagnostik



Laborgeräte & Service

Weitere Information auf den folgenden Seiten!
See the following pages for more information!



Lieferung & Zahlungsart

siehe unsere [Liefer- und Versandbedingungen](#)

Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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xStAx-VHLL

Cat. No.:	HY-P5819
Molecular Formula:	C ₁₅₄ H ₂₄₄ N ₄₈ O ₂₉
Molecular Weight:	3231.89
Sequence:	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 ₂ <small>Ac-RRWPR{S5}ILD{S5}HVRRVWR-{Ahx}-ALAPYIP-NH₂</small>
Sequence Shortening:	Ac-RRWPR{S5}ILD{S5}HVRRVWR-{Ahx}-ALAPYIP-NH ₂
Target:	Wnt; APC; PROTACS; β-catenin
Pathway:	Stem Cell/Wnt; Cell Cycle/DNA Damage; PROTAC
Storage:	Sealed storage, away from moisture and light, under nitrogen 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, under nitrogen)

SOLVENT & SOLUBILITY

In Vitro

DMSO : 100 mg/mL (30.94 mM; Need ultrasonic)

Concentration	Solvent	Mass		
		1 mg	5 mg	10 mg
Preparing Stock Solutions	1 mM	0.3094 mL	1.5471 mL	3.0942 mL
	5 mM	0.0619 mL	0.3094 mL	0.6188 mL
	10 mM	0.0309 mL	0.1547 mL	0.3094 mL

Please refer to the solubility information to select the appropriate solvent.

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^{-/-} mice. xStAx-VHLL can be used as a promising anticancer agent^[1].

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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