

ND1-YL2

Cat. No.:	HY-P5559
CAS No.:	2582803-80-1
Molecular Formula:	C ₁₁₄ H ₁₈₉ N ₂₇ O ₂₈
Molecular Weight:	2385.88
Sequence:	Arg-Leu-Ala-Ala-Ala-Ala-Leu-Leu-Pro-Pro-Thr-Glu-Gln-Asp-Leu-{S-2(4-Pentenyl)Ala}-Lys-Leu-((Cyclohexyl)Ala)-{S-2(4-Pentenyl)Ala}-Tyr-NH ₂
Sequence Shortening:	RLAAAALLPTEQDL-{S-2(4-Pentenyl)Ala}-KL-((Cyclohexyl)Ala)-{S-2(4-Pentenyl)Ala}-Y-NH ₂
Target:	PROTACs
Pathway:	PROTAC
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.

BIOLOGICAL ACTIVITY

Description	ND1-YL2 is a PROTAC that selectively degrades SRC-1 via the N-degron pathway. ND1-YL2 significantly inhibits cancer invasion and migration in vitro and in vivo. ND1-YL2 can be used in cancer research ^[1] .
IC ₅₀ & Target	SRC-1 ^[1] .

REFERENCES

[1]. Lee Y, et al. Targeted Degradation of Transcription Coactivator SRC-1 through the N-Degron Pathway. *Angew Chem Int Ed Engl.* 2020 Sep 28;59(40):17548-17555.

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

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