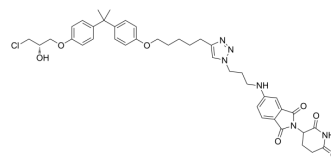


PROTAC AR-NTD degrader 1

Cat. No.:	HY-149434
Molecular Formula:	C ₄₁ H ₄₇ ClN ₆ O ₇
Molecular Weight:	771.3
Target:	Androgen Receptor; Apoptosis
Pathway:	Vitamin D Related/Nuclear Receptor; Apoptosis
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description

PROTAC AR-NTD antagonist 1 (compound 18) is a small molecule protein-targeting chimera (PROTACs) targeting the Androgen Receptor AR-V7. PROTAC AR-NTD antagonist 1 antagonizes the N-terminal domain of AR (AR-NTD), degrades AR-V7 protein, and induces apoptosis in prostate cancer (PC) cells. The efficiencies of PROTAC AR-NTD antagonist 1 in degrading AR-V7 in VCaP cells were 62.2% (1 μM) and 71.1% (5 μM), respectively^[1].

REFERENCES

[1]. Zhang B, et al. Discovery of BWA-522, a First-in-Class and Orally Bioavailable PROTAC Degrader of the Androgen Receptor Targeting N-Terminal Domain for the Treatment of Prostate Cancer. *J Med Chem.* 2023 Aug 24;66(16):11158-11186.

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

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