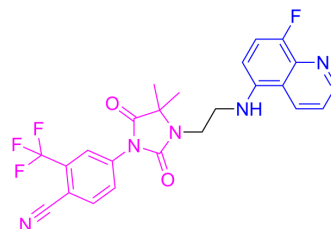


PROTAC AR/AR-V7 degrader-1

Cat. No.:	HY-162412
CAS No.:	2841308-96-9
Molecular Formula:	C ₂₄ H ₁₉ F ₄ N ₅ O ₂
Molecular Weight:	485.43
Target:	PROTACs; Adrenergic Receptor; Apoptosis
Pathway:	PROTAC; GPCR/G Protein; Neuronal Signaling; Apoptosis
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description	PROTAC AR/AR-V7 degrader-1 (27c) is a PROTAC-based and dual AR, AR-V7 degrader, with DC ₅₀ values of 2.67 and 2.64 μM for AR and AR-V7, respectively. PROTAC AR/AR-V7 degrader-1 (27c) induces apoptosis (Red: AR antagonist; Blue: E3 ligase ligand; Black: linker) ^[1] .
In Vitro	PROTAC AR/AR-V7 degrader-1 (27c) effectively suppresses transcriptional activity of the AR signaling pathway. PROTAC AR/AR-V7 degrader-1 (27c) exhibits an IC ₅₀ of 0.9 μM in 22RV1 cells ^[1] . PROTAC AR/AR-V7 degrader-1 (27c) overcomes drug resistance in advanced PCa expressing AR splice variants ^[1] . MCE has not independently confirmed the accuracy of these methods. They are for reference only.

REFERENCES

[1]. Maoxu Xiao, et al. Structure–Activity Relationship (SAR) Studies of Novel Monovalent AR/AR-V7 Dual Degraders with Potent Efficacy against Advanced Prostate Cancer. *J. Med. Chem.* 2024, 67, 7, 5567-5590.

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

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