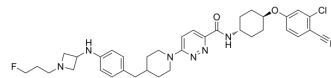


AR/AR-V7-IN-1

Cat. No.:	HY-163510
CAS No.:	2964558-54-9
Molecular Formula:	C ₃₆ H ₄₃ ClFN ₇ O ₂
Molecular Weight:	660.22
Target:	Androgen Receptor
Pathway:	Vitamin D Related/Nuclear Receptor
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description

AR/AR-V7-IN-1 (Compound 20i) is an AR/ARV7 inhibitor (IC₅₀ = 172.85 nM). AR/AR-V7-IN-1 potently inhibits cell growth with IC₅₀ values of 4.87 and 2.07 μM in the LNCaP and 22RV1 cell lines, respectively. AR/AR-V7-IN-1 exhibits effective tumor growth inhibition in the 22RV1 xenograft study. AR/AR-V7-IN-1 can be used for the research of prostate cancer^[1].

REFERENCES

[1]. Yang Y, et al. Novel selective agents for the degradation of AR/AR-V7 to treat advanced prostate cancer. *Eur J Med Chem.* 2024 Apr 15;271:116400.

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

Tel: 609-228-6898

Fax: 609-228-5909

E-mail: tech@MedChemExpress.com

Address: 1 Deer Park Dr, Suite Q, Monmouth Junction, NJ 08852, USA