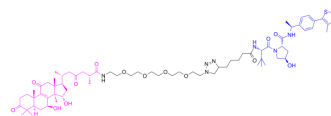


Antitumor agent-150

Cat. No.:	HY-162450
Molecular Formula:	C ₇₀ H ₁₀₆ N ₈ O ₁₄ S
Molecular Weight:	1315.7
Target:	PROTACs; MDM-2/p53; Apoptosis
Pathway:	PROTAC; Apoptosis
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description	Antitumor agent-150 (V10), an anti-breast cancer agent, is a PROTAC-based MDM2 protein degrader (Red: Ganoderic acid A; Black: 4O-PEG linker; Blue: VHL ligand) ^[1] .
In Vitro	Antitumor agent-150 (V10) exhibits good tumor inhibitory activity in xenografted TNBC zebrafish models with an inhibition rate of 27.2% at 50 µg/mL ^[1] . Antitumor agent-150 (V10, 10 µM) promotes apoptosis of MDA-MB-231 cells ^[1] . Antitumor agent-150 (V10) treatment significantly changes the G1 phase and S phase of MDA-MB-231 cells ^[1] . MCE has not independently confirmed the accuracy of these methods. They are for reference only.

REFERENCES

[1]. Yan Li, et al. Discovery of ganoderic acid A (GAA) PROTACs as MDM2 protein degraders for the treatment of breast cancer. *Eur J Med Chem.* 2024 Apr 15;270:116367.

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