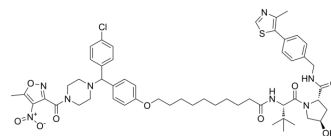


ZX703

Cat. No.:	HY-157788
Molecular Formula:	C ₅₄ H ₆₇ ClN ₈ O ₉ S
Molecular Weight:	1039.68
Target:	Reactive Oxygen Species; Ferroptosis; Glutathione Peroxidase; PROTACs
Pathway:	Immunology/Inflammation; Metabolic Enzyme/Protease; NF-κB; Apoptosis; PROTAC
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description

ZX703 (compound 5l) is a PROTAC that significantly degrades GPX4 in a dose- and time-dependent manner through the ubiquitin-proteasome and autophagy-lysosome pathways ($DC_{50}=0.315 \mu\text{M}$). ZX703 induces ferroptosis by inducing Reactive Oxygen Species (ROS) accumulation in cells. ZX703 can be used for cancer research^[1].

REFERENCES

[1]. Mengdie Hu, et al. ZX703: A Small-Molecule Degradator of GPX4 Inducing Ferroptosis in Human Cancer Cells. ACS Med Chem Lett. 2024 Feb 15.

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