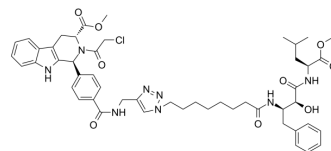


PROTAC GPX4 degrader-2

Cat. No.:	HY-162106
Molecular Formula:	C ₅₀ H ₆₁ ClN ₈ O ₉
Molecular Weight:	954
Target:	Ferroptosis; PROTACs; Glutathione Peroxidase
Pathway:	Apoptosis; PROTAC; Metabolic Enzyme/Protease
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description

PROTAC GPX4 degrader-2 (compound 18a) is a proteolysis targeting chimeras (PROTACs) that can degrade glutathione peroxidase 4 (GPX4), with the DC_{50, 48h} value of 1.68 μM. PROTAC GPX4 degrader-2 induces the accumulation of lipid peroxides and mitochondrial depolarization, subsequently triggering ferroptosis. PROTAC GPX4 degrader-2 has anti-proliferative effect^[1].

REFERENCES

[1]. Haoze Song, et al. A potent GPX4 degrader to induce ferroptosis in HT1080 cells. *Eur J Med Chem.* 2023 Dec 31;265:116110.

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

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