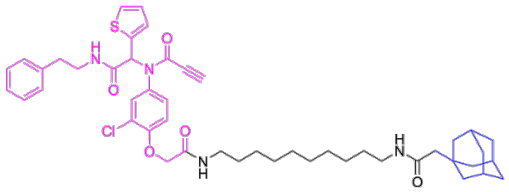
Product Data Sheet

Product Name: PROTAC GPX4 degrader-5
Cat. No.: GC81638

Chemical Properties

Cas. No.	3119292-91-7		
Formula	$C_{47}H_{59}ClN_4O_5S$	M.Wt	827.51
Solubility	DMSO: 100 mg/mL (120.84 mM; Need ultrasonic)	Storage	Store at 4°C, protect from light
General tips	For obtaining a higher solubility , please warm the tube at 37 °C and shake it in the ultrasonic bath for a while.Stock solution can be stored below -20°C for several months.		
Shipping Condition	Evaluation sample solution : ship with blue ice All other available size: ship with RT , or blue ice upon request.		
Structure			



Background

PROTAC GPX4 degrader-5 (compound N15) is an efficient and highly selective PROTAC GPX4 degrader (DC_{50} = 28 nM). PROTAC GPX4 degrader-5 can induce ferroptosis and has low toxicity to normal cells. PROTAC GPX4 degrader-5 can significantly increase ROS. PROTAC GPX4 degrader-5 exerts anti proliferative effects on various tumor cells. PROTAC GPX4 degrader-5 is commonly used

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in cancer research [1]. (Pink: GPX4 ligand; Blue: Others ligand; Black: linker).

References:

[1]. Ning Y, et al. Design, synthesis, and biological evaluation of ML162-based glutathione peroxidase 4 (GPX4) degraders with hydrophobic tags. Eur J Med Chem. 2026 Jan 5;301:118269.