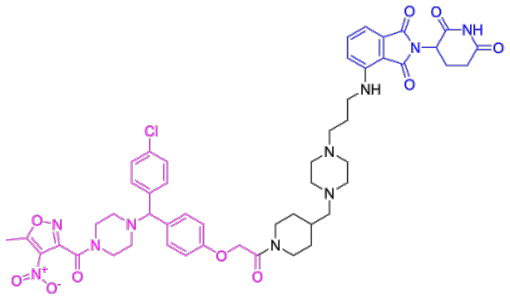
Product Data Sheet

Product Name: PROTAC GPX4 degrader-1
Cat. No.: GC73223

Chemical Properties

Cas. No.	2916433-81-1		
Formula	$C_{50}H_{57}ClN_{10}O_{10}$	M.Wt	993.5
Solubility	DMSO : 100 mg/mL (100.65 mM; Need ultrasonic)	Storage	4°C, stored under nitrogen
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-1 (DC-2) is a PROTAC-based GPX4 degrader, with a DC50 of 0.03 μM in HT1080 cells.

PROTAC GPX4 degrader-1 (DC-2) has been found to induce GPX4 degradation and subsequent ferroptosis[1].

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

[1]. Han Wang, et al. Discovery of ML210-Based glutathione peroxidase 4 (GPX4) degrader inducing ferroptosis of human cancer cells. Eur J Med Chem. 2023 Jun 5;254:115343.

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