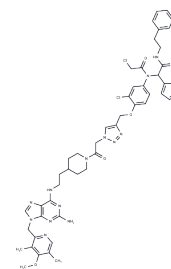


## GDCNF-11

## Chemical Properties

CAS No. :	2991588-80-6
Formula:	C <sub>48</sub> H <sub>53</sub> Cl <sub>2</sub> N <sub>13</sub> O <sub>5</sub> S
Molecular Weight:	994.99
Storage:	Keep away from direct sunlight Powder: -20°C for 3 years   In solvent: -80°C for 1 year <small>Actual storage temperature shall be subject to the COA.</small>



## Biological Description

Description	GDCNF-11, an HSP90-based HIM-PROTACGPX4 degrader, facilitates the ubiquitination and degradation of GPX4 through the HSP90 chaperone complex. This reduction in endogenous GPX4 induces ferroptosis in HT-1080 cells, with a DC50 value of 0.08 μM.
Targets(IC50)	Ferroptosis, Glutathione Peroxidase, PROTACs

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.005 mL	5.0252 mL	10.0504 mL
5 mM	0.201 mL	1.005 mL	2.0101 mL
10 mM	0.1005 mL	0.5025 mL	1.005 mL
50 mM	0.0201 mL	0.1005 mL	0.201 mL

Please select the appropriate solvent to prepare the stock solution, according to the solubility of the product in different solvents. Please use it as soon as possible.

Note: The dilution table applies only to solid products. For liquid products, please calculate the stock solution based on the stated concentration and/or density.

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