

## Liperfluo

## Chemical Properties

CAS No. : 1448846-35-2

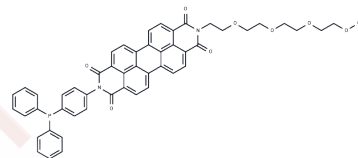
Formula: C<sub>51</sub>H<sub>41</sub>N<sub>2</sub>O<sub>8</sub>P

Molecular Weight: 840.85

Keep away from direct sunlight

Storage: Powder: -20°C for 3 years | In solvent: -80°C for 1 year

Actual storage temperature shall be subject to the COA.



## Biological Description

Description	Liperfluo, a ferroptosis marker and fluorescent probe, efficaciously investigates lipid peroxidation's impact across numerous cellular pathophysiologyes. It converts lipid hydroperoxides into lipid alcohols, facilitating the imaging of lipid hydroperoxides within living cells [1] [2] [3].
Targets(IC50)	Others, Ferroptosis

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.1893 mL	5.9464 mL	11.8927 mL
5 mM	0.2379 mL	1.1893 mL	2.3785 mL
10 mM	0.1189 mL	0.5946 mL	1.1893 mL
50 mM	0.0238 mL	0.1189 mL	0.2379 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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