

GSH Tracker Probe

Chemical Properties

| | |
|-------------------|----------------------------------------------------------------------------------------------------------------------------|
| CAS No. : | 1888323-45-2 |
| Formula: | C52H64IN5O2S |
| Molecular Weight: | 950.08 |
| Storage: | Keep away from direct sunlight Store at -20°C <small>Actual storage temperature shall be subject to the COA.</small> |

Biological Description

| | |
|---------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Description | GSH Tracker Probe (CPDSA) is a cyanine dye-based fluorescent probe that exhibits GSH-specific near-infrared emission (excitation: 635 nm; emission: 655-755 nm). It is capable of monitoring and imaging GSH levels in live cells and in vivo. |
| Targets(IC50) | Others |

Preparing Stock Solutions

| | 1mg | 5mg | 10mg |
|-------|-----------|-----------|------------|
| 1 mM | 1.0525 mL | 5.2627 mL | 10.5254 mL |
| 5 mM | 0.2105 mL | 1.0525 mL | 2.1051 mL |
| 10 mM | 0.1053 mL | 0.5263 mL | 1.0525 mL |
| 50 mM | 0.0211 mL | 0.1053 mL | 0.2105 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.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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