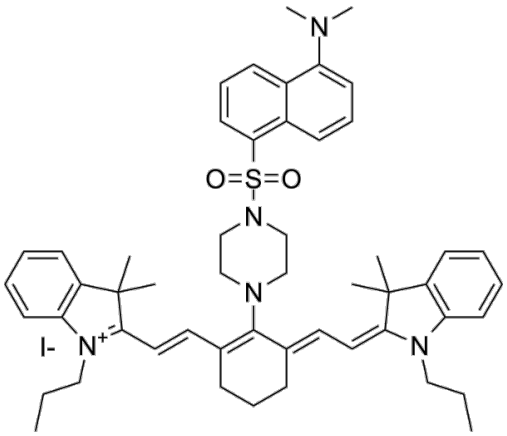
Product Data Sheet

Product Name: GSH Tracker Probe
Cat. No.: GC80360

Chemical Properties

Cas. No.	1888323-45-2		
Formula	$C_{52}H_{64}IN_5O_2S$	M.Wt	950.07
Solubility		Storage	Store at 4°C, away from moisture and 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

GSH Tracker Probe (CPDSA) is a cyanine-based fluorescent probe with a NIR emission that is

specific for GSH (excitation: 635 nm; emission: 655-755 nm). CPDSA can monitor and image GSH levels in live cells and in vivo [1].

References:

[1]. Yin J, et al. Preparation of a cyanine-based fluorescent probe for highly selective detection of glutathione and its use in living cells and tissues of mice. Nat Protoc. 2015 Nov;10(11):1742-54.