

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

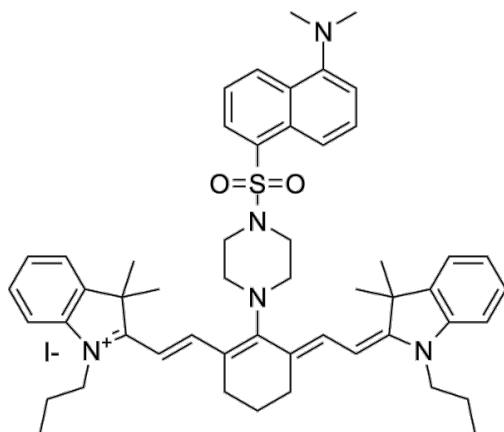
Solubility

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

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

Tel: (909) 407-4943 Fax: (626) 353-8530 E-mail: tech@glpbio.com

Address: 10292 Central Ave. #205, Montclair, CA, USA

Product Data Sheet

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.

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

Tel: (909) 407-4943 Fax: (626) 353-8530 E-mail: tech@glpbio.com

Address: 10292 Central Ave. #205, Montclair, CA, USA