

Product Data Sheet

Product Name: S-Lactoylglutathione

Cat. No.: GD15778

Chemical Properties

Cas. No. 54398-03-7

Formula $C_{13}H_{19}N_3O_8S$

M.Wt 377.37

Solubility

Storage Store at -20°C

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

S-Pyruvylglutathione is a serum metabolite and can be used as a potential marker for sensitivity of gastric cancer to neoadjuvant chemotherapy.

[1]. Daguang Wang, et al. Association of serum levels of deoxyribose 1-phosphate and S-lactoylglutathione with neoadjuvant chemotherapy sensitivity in patients with gastric cancer: A metabolomics study. *Oncol Lett.* 2020 Mar;19(3):2231-2242.

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

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