
Product Data Sheet

Product Name: H-Cys-Gly-OH

Cat. No.: GA22171

Chemical Properties

Cas. No. 19246-18-5

Formula $C_5H_{10}N_2O_3S$ M.Wt 178.21

Solubility H_2O : 50 mg/mL (280.57 mM; Need ultrasonic); DMSO : 25 mg/mL (140.28 mM; ultrasonic and warming and heat to 60°C) Store Storage 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**

This dipeptide found in plasma and urine is generated during the catabolism of glutathione. Cysteinylglycine has been suggested to induce oxidative stress and lipid peroxidation, leading to the development of human cancers. For the oxidized form see G

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

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