
Product Data Sheet

Product Name: H-Cys(SO₃H)-OH

Cat. No.: GA22165

Chemical Properties

Cas. No. 1637-71-4

Chemical Name C([C@@H](C(O)=O)N)SS(=O)(=O)O

Formula C₃H₇NO₅S₂ M.Wt 201.22H₂O : 247.5 store at low temperature | Powder: -20°C for 3
Solubility mg/mL (1230 mM; Storage years | In solvent: -80°C for 1 year | Shipping
Need ultrasonic). with blue ice/Shipping at ambient temperature.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**

L-Cysteine S-sulfate (S-Sulfo-L-cysteine) is an effective N-methyl-d-aspartate (NMDA) glutamatergic receptors agonist. L-Cysteine S-sulfate is the substrate for cystine lyase [1].

References:

[1] Steventon GB, et, al. Comparison of the sulfur-oxygenation of cysteine and S-carboxymethyl-l-cysteine in human hepatic cytosol and the rôle of cysteine dioxygenase. J Pharm Pharmacol. 2018 Aug;70(8):1069-1077.

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
