

Product Data Sheet

Product Name: H-Ser-Tyr-OH

Cat. No.: GA22902

Chemical Properties

Cas. No. 21435-27-8

Formula $C_{12}H_{16}N_2O_5$

M.Wt 268.27

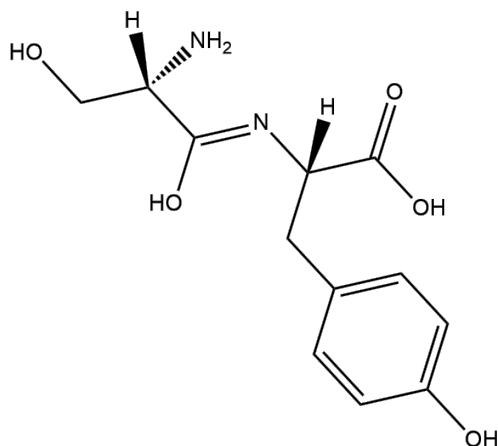
Solubility Soluble in DMSO

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

H-Ser-Tyr-OH is a dipeptide composed of L-serine and L-tyrosine. H-Ser-Tyr-OH can form a copper(II) complex to exert strong free radical scavenging activity. H-Ser-Tyr-OH can be used for research related to diseases associated with oxidative stress^[1].

References:

[1] Kolev T, Tsonko, Bojidarka B. Koleva, et al. Copper (II) complexes with hydroxyl-containing dipeptides glycyl-L-serine and L-seryl-L-tyrosine[J]. Journal of Coordination Chemistry, 2008, 61(12): 1897-1905.

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