
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.

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