

Product Data Sheet

Product Name: Z-Glu-Tyr-OH

Cat. No.: GA23790

Chemical Properties

Cas. No. 988-75-0

Formula C₂₂H₂₄N₂O₈

M.Wt 444.44

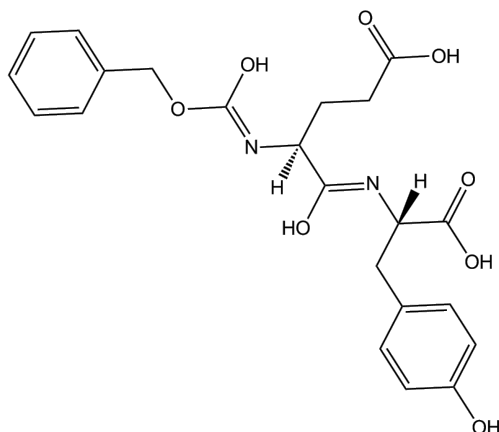
Solubility 5 % in MeOH

Storage Store at -20°C, protect from light

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

Z-Glu-Tyr-OH is an important intermediate for building more intricate peptide chains. The protecting group can be selectively cleaved under certain conditions, enabling directional elongation of the peptide chain. Z-Glu-Tyr-OH is mainly used in solid-phase peptide synthesis (SPPS) and acts as a substrate or reagent in biochemical studies^[1].

References:

[1] Haddoub R, Dauner M, Stefanowicz FA, et al. Enzymatic synthesis of peptides on a solid support. Org Biomol Chem. 2009 Feb 21;7(4):665-70.

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