

Product Data Sheet

Product Name: H-Tyr-Tyr-Tyr-OH

Cat. No.: GA22992

Chemical Properties

Cas. No. 7390-78-5

Chemical Name (S)-2-((Z)-((S)-2-((Z)-((S)-2-amino-1-hydroxy-3-(4-hydroxyphenyl)propylidene)amino)-1-hydroxy-3-(4-hydroxyphenyl)propylidene)amino)-3-(4-hydroxyphenyl)propanoic acid

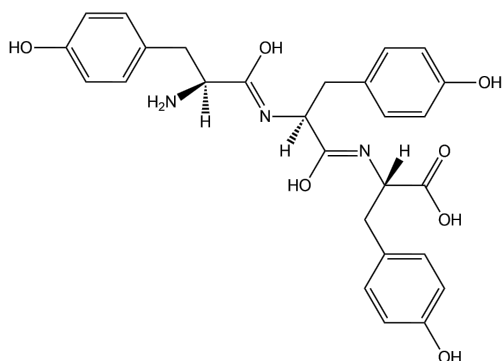
Formula $C_{27}H_{29}N_3O_7$ M.Wt 507.54

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

The bitter taste of tri-tyrosine, YYY, is due to its marked hydrophobicity. Narai-Kanayama and Aso showed that Tyr-Tyr (G-3480) and Tyr-Tyr-Tyr efficiently inhibit angiotensin I-converting enzyme (ACE) from rabbit lung, their IC₅₀ values were 34 μM.

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

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