

Product Data Sheet

Product Name: D-γ-Glu-Tyr

Cat. No.: GC80487

Chemical Properties

Cas. No. 2417507-97-0

Formula C₁₄H₁₈N₂O₆

M.Wt 310.3

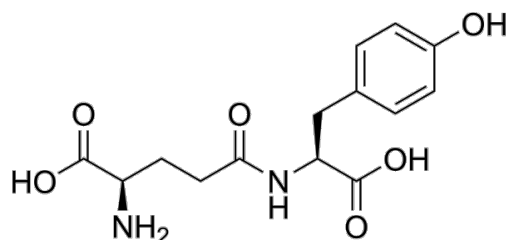
Solubility H₂O: 12.5 mg/mL (40.28 mM);
ultrasonic and adjust pH to 8 with
NH₃·H₂O)

Storage Sealed storage, away from moisture

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

D-γ-Glu-Tyr is a D-isomer of γ-Glu-Tyr, the difference being the γ-Glu content. γ-Glu-Tyr, a competitive inhibitor of dipeptidyl peptidase-IV (DPP-IV) (IC₅₀ =6.77 mM), is a potentially functional component of the type 2 diabetes diet [1].

References:

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

Product Data Sheet

[1]. Yang J, et al. γ -Glu-Met synthesised using a bacterial glutaminase as a potential inhibitor of dipeptidyl peptidase IV[J]. International Journal of Food Science & Technology, 2018, 53(5): 1166-1175.

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