

D- γ -Glu-Tyr

Chemical Properties

CAS No. :	2417507-97-0
Formula:	C ₁₄ H ₁₈ N ₂ O ₆
Molecular Weight:	310.31
Storage:	Keep away from moisture Powder: -20°C for 3 years In solvent: -80°C for 1 year <small>Actual storage temperature shall be subject to the COA.</small>

Biological Description

Description	D- γ -Glu-Tyr is the D-isomer of γ -Glu-Tyr, differentiated by the γ -Glu component. As a competitive inhibitor of dipeptidyl peptidase-IV (DPP-IV) with an IC ₅₀ of 6.77 mM, γ -Glu-Tyr is a potential functional component in the diet for managing type 2 diabetes.
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Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	3.2226 mL	16.1129 mL	32.2258 mL
5 mM	0.6445 mL	3.2226 mL	6.4452 mL
10 mM	0.3223 mL	1.6113 mL	3.2226 mL
50 mM	0.0645 mL	0.3223 mL	0.6445 mL

Please select the appropriate solvent to prepare the stock solution, according to the solubility of the product in different solvents. Please use it as soon as possible.

Note: The dilution table applies only to solid products. For liquid products, please calculate the stock solution based on the stated concentration and/or density.

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