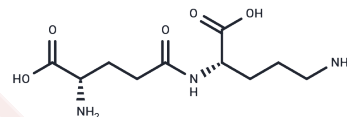


gamma-Glutamylornithine

Chemical Properties

CAS No. :	56523-61-6
Formula:	C10H19N3O5
Molecular Weight:	261.28
Storage:	Keep away from direct sunlight 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	gamma-Glutamylornithine is a urinary metabolite in patients with HHH syndrome (hyperammonemia, hyperornithinemia, homocitrullinuria) and gyric atrophy associated with hyperornithinemia. Its urinary level increases with elevated endogenous ornithine.
Targets(IC50)	Endogenous Metabolite

Solubility Information

Solubility	H2O: 100.00 mg/mL (382.73 mM),Sonication is recommended. (< 1 mg/ml refers to the product slightly soluble or insoluble)
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Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	3.8273 mL	19.1366 mL	38.2731 mL
5 mM	0.7655 mL	3.8273 mL	7.6546 mL
10 mM	0.3827 mL	1.9137 mL	3.8273 mL
50 mM	0.0765 mL	0.3827 mL	0.7655 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.

Reference

Roesel R A, et al. γ -Glutamylornithine excretion in patients with hyperornithinemia[J]. Clinica chimica acta, 1984, 140(2): 133-138.

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