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Produktinformation



Forschungsprodukte & Biochemikalien



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Diagnostik & molekulare Diagnostik



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Lieferung & Zahlungsart

siehe unsere [Liefer- und Versandbedingungen](#)

Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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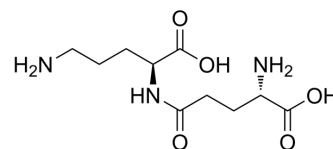
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γ-Glutamylornithine

Cat. No.:	HY-N8063
CAS No.:	56523-61-6
Molecular Formula:	C ₁₀ H ₁₉ N ₃ O ₅
Molecular Weight:	261.27
Target:	Endogenous Metabolite
Pathway:	Metabolic Enzyme/Protease
Storage:	-20°C, protect from light, stored under nitrogen * In solvent : -80°C, 6 months; -20°C, 1 month (protect from light, stored under nitrogen)



SOLVENT & SOLUBILITY

In Vitro

H₂O : 125 mg/mL (478.43 mM; Need ultrasonic)

Concentration	Solvent	Mass		
		1 mg	5 mg	10 mg
Preparing Stock Solutions	1 mM	3.8275 mL	19.1373 mL	38.2746 mL
	5 mM	0.7655 mL	3.8275 mL	7.6549 mL
	10 mM	0.3827 mL	1.9137 mL	3.8275 mL

Please refer to the solubility information to select the appropriate solvent.

BIOLOGICAL ACTIVITY

Description

γ-Glutamylornithine is the urine excreta of patients with HHH syndrome (hyperuricemia, hyperaminemia, and hypercitrullinuria) and rotary atrophy associated with hyperuricemia. Increased levels of endogenous ornithine increase levels of γ-Glutamylornithine in the urine^[1].

IC₅₀ & Target

Human Endogenous Metabolite

REFERENCES

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

Caution: Product has not been fully validated for medical applications. For research use only.

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