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See the following pages for more information!



Lieferung & Zahlungsart

siehe unsere [Liefer- und Versandbedingungen](#)

Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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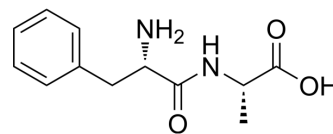
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Phenylalanylalanine

Cat. No.: HY-W009602
CAS No.: 3918-87-4
Molecular Formula: C₁₂H₁₆N₂O₃
Molecular Weight: 236.27
Target: Neprilysin
Pathway: Metabolic Enzyme/Protease
Storage: 4°C, protect from light
 * In solvent : -80°C, 6 months; -20°C, 1 month (protect from light)



SOLVENT & SOLUBILITY

In Vitro

H₂O : 100 mg/mL (423.24 mM; Need ultrasonic)
 DMSO : 4.35 mg/mL (18.41 mM; ultrasonic and warming and heat to 60°C)

	Solvent Concentration	Mass	1 mg	5 mg	10 mg
Preparing Stock Solutions	1 mM		4.2324 mL	21.1621 mL	42.3243 mL
	5 mM		0.8465 mL	4.2324 mL	8.4649 mL
	10 mM		0.4232 mL	2.1162 mL	4.2324 mL

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

BIOLOGICAL ACTIVITY

Description

Phenylalanylalanine (H-Phe-Ala-OH) is a dipeptide composed of phenylalanine and alanine. Phenylalanylalanine is an incomplete breakdown product of protein digestion or protein catabolism^[1].

REFERENCES

[1]. Facchin G, et al. Experimental and theoretical studies of copper complexes with isomeric dipeptides as novel candidates against breast cancer. J Inorg Biochem. 2016;162:52-61.

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

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