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Produktinformation



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Laborgeräte & Service

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Lieferung & Zahlungsart

siehe unsere [Liefer- und Versandbedingungen](#)

Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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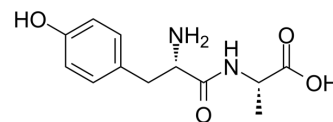
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H-Tyr-Ala-OH

Cat. No.:	HY-W009486
CAS No.:	730-08-5
Molecular Formula:	C ₁₂ H ₁₆ N ₂ O ₄
Molecular Weight:	252.27
Target:	Others
Pathway:	Others
Storage:	Powder -20°C 3 years In solvent -80°C 6 months -20°C 1 month



SOLVENT & SOLUBILITY

In Vitro	H ₂ O : 66.67 mg/mL (264.28 mM; ultrasonic and adjust pH to 1 with 1M HCl)					
	Preparing Stock Solutions	Solvent Concentration	Mass	1 mg	5 mg	10 mg
		1 mM		3.9640 mL	19.8200 mL	39.6401 mL
		5 mM		0.7928 mL	3.9640 mL	7.9280 mL
		10 mM		0.3964 mL	1.9820 mL	3.9640 mL
Please refer to the solubility information to select the appropriate solvent.						
In Vivo	1. Add each solvent one by one: PBS Solubility: 100 mg/mL (396.40 mM); Clear solution; Need ultrasonic					

BIOLOGICAL ACTIVITY

Description	H-Tyr-Ala-OH (Tyrosylalanine) is a L-tyrosine- and L-alanine-containing dipeptide ^{[1][2]} .
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REFERENCES

- [1]. Bojidarka B Koleva, et al. Spectroscopic and structural elucidation of L-tyrosine-containing dipeptides valyl-tyrosine and tyrosyl-alanine: solid-state IR-LD spectroscopy, quantum chemical calculations and vibrational analysis. Spectrochim Acta A Mol Biom
- [2]. C Simpkins, et al. A new cytochrome C reducing dipeptide. J Natl Med Assoc. 1990 Feb;82(2):113-6.

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

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