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Lieferung & Zahlungsart

siehe unsere [Liefer- und Versandbedingungen](#)

Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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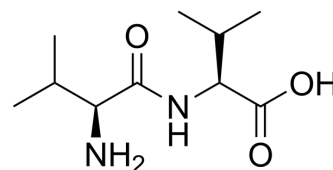
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H-Val-Val-OH

Cat. No.:	HY-126584
CAS No.:	3918-94-3
Molecular Formula:	C ₁₀ H ₂₀ N ₂ O ₃
Molecular Weight:	216.28
Sequence:	Val-Val
Sequence Shortening:	VV
Target:	Others
Pathway:	Others
Storage:	4°C, protect from light * In solvent : -80°C, 6 months; -20°C, 1 month (protect from light)



SOLVENT & SOLUBILITY

In Vitro	DMSO : 9.52 mg/mL (44.02 mM; ultrasonic and adjust pH to 4 with 1M HCl)					
	Preparing Stock Solutions	Solvent Concentration	Mass	1 mg	5 mg	10 mg
		1 mM		4.6236 mL	23.1182 mL	46.2364 mL
		5 mM		0.9247 mL	4.6236 mL	9.2473 mL
		10 mM		0.4624 mL	2.3118 mL	4.6236 mL
Please refer to the solubility information to select the appropriate solvent.						
In Vivo	1. Add each solvent one by one: 10% DMSO >> 40% PEG300 >> 5% Tween-80 >> 45% saline Solubility: ≥ 0.95 mg/mL (4.39 mM); Clear solution					
	2. Add each solvent one by one: 10% DMSO >> 90% (20% SBE-β-CD in saline) Solubility: ≥ 0.95 mg/mL (4.39 mM); Clear solution					
	3. Add each solvent one by one: 10% DMSO >> 90% corn oil Solubility: ≥ 0.95 mg/mL (4.39 mM); Clear solution					

BIOLOGICAL ACTIVITY

Description	H-VAL-VAL-OH is a dipeptide of the amino acid valine, an essential amino acid ^[1] .
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REFERENCES

[1]. Pierfrancesco Bravo, et al. Solution and solid-phase synthesis of trifluoromethyl peptides and mimetics. Journal of Fluorine Chemistry Volume 112, Issue 1, 28

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

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