



SZABO SCANDIC

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Produktinformation



Forschungsprodukte & Biochemikalien



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Diagnostik & molekulare Diagnostik



Laborgeräte & Service

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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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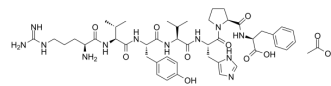
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[Val4] Angiotensin III

Cat. No.:	HY-P3910
CAS No.:	100900-28-5
Molecular Formula:	C ₄₇ H ₆₈ N ₁₂ O ₁₁
Molecular Weight:	977.12
Sequence:	Arg-Val-Tyr-Val-His-Pro-Phe
Sequence Shortening:	RVYVHPF
Target:	Others
Pathway:	Others
Storage:	Sealed storage, away from moisture
	Powder -80°C 2 years
	-20°C 1 year



* In solvent : -80°C, 6 months; -20°C, 1 month (sealed storage, away from moisture)

SOLVENT & SOLUBILITY

In Vitro

DMSO : 50 mg/mL (51.17 mM; Need ultrasonic)

Preparing Stock Solutions	Solvent Concentration	Mass		
		1 mg	5 mg	10 mg
	1 mM	1.0234 mL	5.1171 mL	10.2342 mL
	5 mM	0.2047 mL	1.0234 mL	2.0468 mL
	10 mM	0.1023 mL	0.5117 mL	1.0234 mL

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

BIOLOGICAL ACTIVITY

Description

[Val4] Angiotensin III is an angiotensin III peptide. [Val4] Angiotensin III is a potent full agonist of Gα_q and βarr2 response, with pEC₅₀ values of 8.31 and 8.44, respectively^[1].

IC₅₀ & Target

Gα_q (G protein), βarr2 (β-arrestin)^[1]

REFERENCES

[1]. Namkung Y, et al. Functional selectivity profiling of the angiotensin II type 1 receptor using pathway-wide BRET signaling sensors. *Sci Signal*. 2018 Dec 4;11(559):eaat1631.

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

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