



SZABO SCANDIC

Part of Europa Biosite

Produktinformation



Forschungsprodukte & Biochemikalien



Zellkultur & Verbrauchsmaterial



Diagnostik & molekulare Diagnostik



Laborgeräte & Service

Weitere Information auf den folgenden Seiten!
See the following pages for more information!



Lieferung & Zahlungsart

siehe unsere [Liefer- und Versandbedingungen](#)

Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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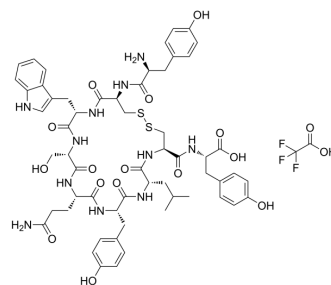
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WP9QY TFA

Cat. No.:	HY-P2612A
Molecular Formula:	C ₆₀ H ₇₂ F ₃ N ₁₁ O ₁₇ S ₂
Molecular Weight:	1340.4
Sequence:	Tyr-Cys-Trp-Ser-Gln-Tyr-Leu-Cys-Tyr (Disulfide bridge:Cys2-Cys8)
Sequence Shortening:	YCWSQYLCY (Disulfide bridge:Cys2-Cys8)
Target:	TNF Receptor
Pathway:	Apoptosis
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 : 7.14 mg/mL (5.33 mM; ultrasonic and warming and heat to 60°C)
 H₂O : < 0.1 mg/mL (ultrasonic) (insoluble)

	Solvent	Mass	Concentration		
			1 mg	5 mg	10 mg
Preparing Stock Solutions	1 mM		0.7460 mL	3.7302 mL	7.4605 mL
	5 mM		0.1492 mL	0.7460 mL	1.4921 mL
	10 mM		---	---	---

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

BIOLOGICAL ACTIVITY

Description

WP9QY, TNF-α Antagonist, TNF-α Antagonist is a biological active peptide. (This cyclic peptide is designed to mimic the most critical tumor necrosis factor (TNF) recognition loop on TNF receptor I. It prevents interactions of TNF with its receptor. This TNF antagonist is a useful template for the development of small molecular inhibitors to prevent both inflammatory bone destruction and systemic bone loss in rheumatoid arthritis.)

REFERENCES

[1]. Lin CC, et al. Functional PEG-peptide hydrogels to modulate local inflammation induced by the pro-inflammatory cytokine TNFα. *Biomaterials*. 2009 Oct;30(28):4907-14.

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

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