



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

SZABO-SCANDIC HandelsgmbH

Quellenstraße 110, A-1100 Wien

T. +43(0)1 489 3961-0

F. +43(0)1 489 3961-7

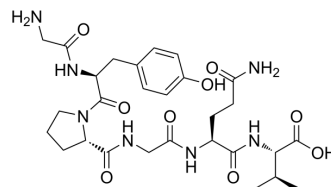
mail@szabo-scandic.com

www.szabo-scandic.com

[linkedin.com/company/szaboscandic](https://www.linkedin.com/company/szaboscandic) 

PAR 4 (1-6) (human)

Cat. No.:	HY-P1313
CAS No.:	225779-44-2
Molecular Formula:	C ₂₈ H ₄₁ N ₇ O ₉
Molecular Weight:	619.67
Sequence:	Gly-Tyr-Pro-Gly-Gln-Val
Sequence Shortening:	GYPGQV
Target:	Protease Activated Receptor (PAR)
Pathway:	GPCR/G Protein
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description	PAR 4 (1-6) human, a hexapeptide, is a fragment of protease-activated receptor 4 (PAR ₄). PAR 4 (1-6) TFA acts as a PAR ₄ -specific agonist ^[1] .
In Vitro	PAR 4 (1-6) (GYPGQV) stimulates [³ H]-thymidine incorporation in SMC. At 500 μM, the peptide increases DNA synthesis 2.5 fold above controls. A comparable mitogenic effect is obtained after stimulation of the SMC by 10 nM thrombin or 100 μM SFLLRN, respectively ^[2] . MCE has not independently confirmed the accuracy of these methods. They are for reference only.

REFERENCES

- [1]. H Andersen, et al. Protease-activated receptor 1 is the primary mediator of thrombin-stimulated platelet procoagulant activity. Proc Natl Acad Sci U S A. 1999 Sep 28;96(20):11189-93.
- [2]. E Bretschneider, et al. Evidence for functionally active protease-activated receptor-4 (PAR-4) in human vascular smooth muscle cells. Br J Pharmacol. 2001 Apr;132(7):1441-6.

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

Tel: 609-228-6898

Fax: 609-228-5909

E-mail: tech@MedChemExpress.com

Address: 1 Deer Park Dr, Suite Q, Monmouth Junction, NJ 08852, USA