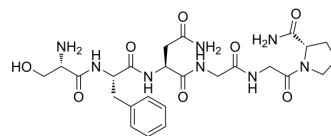


SFNGGP-NH2

Cat. No.:	HY-P5357
CAS No.:	261521-21-5
Molecular Formula:	C ₂₅ H ₃₆ N ₈ O ₈
Molecular Weight:	576.6
Sequence:	Ser-Phe-Asn-Gly-Gly-Pro-NH ₂
Sequence Shortening:	SFNGGP-NH ₂
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

SFNGGP-NH₂ is a biological active peptide. (PAR-3 is a high-affinity thrombin receptor. PAR-3 mRNA is expressed in the cutaneous mast cells of humans. Protease-Activated Receptors (PARs) have been studied for their roles in itch and their itch-associated response through histamine-dependent/independent pathways have been reported. PAR-3 has been shown not to induce itching alone but possibly in conjunction with PAR-4. Co-expression of PAR-3 and PAR-4 enhances thrombin action suggesting that PAR-3 alone does not mediate transmembrane signaling but instead functions as a cofactor to activate PAR-4.)

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

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