

Product Data Sheet

Cat#	SP-86728-5
Description:	PAR-4 (1-6) amide (mouse) (AA: Gly-Tyr-Pro-Gly-Lys-Phe-NH ₂) (MW: 666.78)
Size:	5 mg
Purity:	>95%
Store:	Desiccated at -20oC.

Protease-activated receptors are [G protein-coupled receptors](#) that are expressed in [platelets](#), endothelial cells, myocytes and neurons. PAR-4 is a receptor for activated thrombin or trypsin coupled to G proteins that stimulate phosphoinositide hydrolysis. Thrombin signaling in [platelets](#) contributes to [hemostasis](#), [thrombosis](#). It is an endogenous analgesic factor, which can modulate nociceptive responses in normal and inflammatory conditions.

References:

Kahn M.L., (1999). J. Clin. Invest. 103:879-887. Macfarlane SR., (2001). Pharmacol Rev 53 (2): 245–82. Asfaha.S., (2007). British Journal of Pharmacology.150, 176–185.

Related items

SP-53696-5	PAR-4 (1-6) amide (human) (AA: Gly-Tyr-Pro-Gly-Gln-Val-NH ₂) (MW: 618.70)
SP-68639-5	PAR-4 (1-6) (mouse) (AA: Gly-Tyr-Pro-Gly-Lys-Phe) (MW: 667.77)
SP-86728-5	PAR-4 (1-6) amide (mouse) (AA: Gly-Tyr-Pro-Gly-Lys-Phe-NH ₂) (MW: 666.78)
SP-89792-5	PAR-4 (1-6) (human) (AA: Gly-Tyr-Pro-Gly-Gln-Val) (MW: 619.68)

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