

Thrombin Receptor Agonist

Cloning and expression of a functional human thrombin receptor have revealed a protein with seven transmembrane domains and a large extracellular amino-terminal extension. Thrombin cleaves within this extension, thereby creating a new receptor amino-terminus that functions as a tethered ligand and activates the receptor. A 14-amino acid peptide mimicking this new amino-terminus has been found to be a potent thrombin receptor activator as well as an effective agonist for platelet activation.

Catalog No.	5991448
Size	
Product Category	Catalog Peptide
Sequence	H-Ser-Phe-Leu-Leu-Arg-Asn-Pro-Asn-Asp-Lys-Tyr-Glu-Pro-Phe-OH
CAS No.	137339-65-2
Mol. Formula	C ₈₁ H ₁₁₈ N ₂₀ O ₂₃
Mol. Weight	1739.96
Purity	> 95%
MOQ	1 mg
Storage/Stability	-20°C/1 year
Shipping	Gel Packs