

Product Datasheet

Thrombin Receptor Agonist peptide (orb216831)

Description	Thrombin Receptor Agonist peptide
Form/Appearance	Lyophilized powder
Storage	Shipped at 4°C. Store at -20°C for one year.
Note	For research use only
Application notes	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.
Protein Sequence	H-Ser-Phe-Leu-Leu-Arg-Asn-Pro-Asn-Asp-Lys-Tyr-Glu-Pro-Phe-OH
Formula	$C_{81}H_{118}N_{20}O_{23}$
Purity	> 95%
Source	Synthetic
MW	1739.96
CAS Number	137339-65-2
Expiration Date	12 months from date of receipt.

