

## TRAP-7

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Cat. No.:	HY-P4987
CAS No.:	145229-76-1
Molecular Formula:	C <sub>39</sub> H <sub>63</sub> N <sub>11</sub> O <sub>10</sub>
Molecular Weight:	845.99
Sequence:	Ser-Phe-Leu-Leu-Arg-Asn-Pro
Sequence Shortening:	SFLLRNP
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

TRAP-7 is a thrombin receptor (PAR) activating peptide. TRAP-7 stimulates total inositol phosphate (IP) accumulation and phosphorylation of a specific endogenous substrate for activated PKC. TRAP-7 can be used in cardiovascular disease research<sup>[1]</sup>.

### REFERENCES

[1]. Webb ML, et al. Effects of thrombin receptor activating peptide on phosphoinositide hydrolysis and protein kinase C activation in cultured rat aortic smooth muscle cells: evidence for "tethered-ligand" activation of smooth muscle cell thrombin receptors. *Biochem Pharmacol.* 1993 Apr 22;45(8):1577-82.

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

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