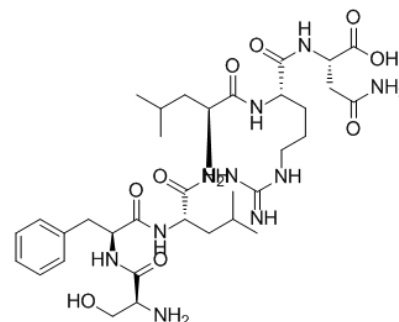


Product Name : TRAP-6
Cat. No. : PC-47484
CAS No. : 141136-83-6
Molecular Formula : C₃₄H₅₆N₁₀O₉
Molecular Weight : 748.8701
Target : Protease-activated Receptor (PAR)
Solubility : DMSO: ≥ 28 mg/mL



Biological Activity

A PAR1 peptide fragment (residues 42-47) that acts as a PAR1 agonist; stimulates platelet aggregation (EC₅₀=0.8 μM), promotes intracellular Ca²⁺ mobilization and induces rapid phosphodiesterase 3A (PDE3A) phosphorylation in vitro.

References

Vassallo RR Jr, et al. J Biol Chem. 1992 Mar 25;267(9):6081-5.

Kaufmann R, et al. J Neurooncol. 1999 Apr;42(2):131-6.

Hunter RW, et al. J Biol Chem. 2009 May 1;284(18):12339-48.

Caution: Product has not been fully validated for medical applications. Lab Use Only!

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