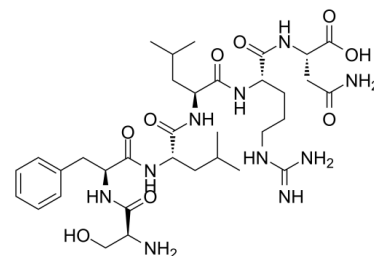


Data Sheet

Product Name:	TRAP-6
Cat. No.:	CS-5508
CAS No.:	141136-83-6
Molecular Formula:	C ₃₄ H ₅₆ N ₁₀ O ₉
Molecular Weight:	748.87
Target:	Protease-Activated Receptor (PAR)
Pathway:	GPCR/G Protein
Solubility:	DMSO : ≥ 28 mg/mL; H ₂ O : 33.33 mg/mL (ultrasonic)



BIOLOGICAL ACTIVITY:

TRAP-6 (PAR-1 agonist peptide) is a protease-activated receptor 1 (**PAR1**) agonist.

References:

[1]. Tripathi T, et al. Protease-activated receptor 2 (PAR2) is upregulated by Acanthamoeba plasminogen activator (aPA) and induces proinflammatory cytokine in human corneal epithelial cells. Invest Ophthalmol Vis Sci. 2014 May 29;55(6):3912-21.

CAIndexNames:

L-Asparagine, L-seryl-L-phenylalanyl-L-leucyl-L-leucyl-L-arginyl-

SMILES:

O=C(N[C@@H](CC(C)C)C(N[C@@H](CC(C)C)C(N[C@@H](CCCNC(N)=N)C(N[C@H](C(=O)=O)CC(N)=O)=O)=O)[C@@H](NC([C@@H](N)CO)=O)CC1=CC=CC=C1

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

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