

Product Datasheet

TRAP-14 amide (orb3142537)

Catalog Number	orb3142537
Category	Proteins
Description	TRAP-14 amide is a protease-activated receptor (PAR) activating peptide and acts as a PAR agonist, with an EC50 of 24 µM. It induces significant platelet aggregation via ADP and MMP-2 dependent pathways and is insensitive to Aspirin. Additionally, TRAP-14 amide effectively increases the surface expression of glycoprotein (GP) Ib and GPIIb/IIIa, as well as the release of ADP.
Target	Protease-activated Receptor, MMP, Integrin
MW	1738.94
CAS Number	141923-36-6
Formula	C ₈₁ H ₁₁₉ N ₂₁ O ₂₂
SMILES	<chem>C([C@@H](NC([C@@H](NC([C@@H](NC([C@@H](NC([C@H](CC1=CC=CC=C1)N C([C@H](CO)N)=O)=O)CC(C)C)=O)CC(C)C)=O)CCCNC(=N)N)=O)CC(N)=O)(=O)N 2[C@H](C(N[C@H](C(N[C@H](C(N[C@H](C(N[C@H](C(N[C@@H](CC3=CC=C(O)C=C3)C(N[C @H](C(=O)N4[C@H](C(N[C@@H](CC5=CC=CC=C5)C(N)=O)=O)CCC4)CCC(O)=O)=O)=O)CCCCN)=O)CC(O)=O)=O)CC(N)=O)=O)CCC2</chem>
Storage	-20°C
Note	For research use only
Expiration Date	12 months from date of receipt.

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