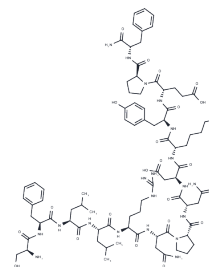


TRAP-14 amide

Chemical Properties

CAS No. :	141923-36-6
Formula:	C ₈₁ H ₁₁₉ N ₂₁ O ₂₂
Molecular Weight:	1738.94
Storage:	Keep away from moisture Powder: -20°C for 3 years In solvent: -80°C for 1 year <small>Actual storage temperature shall be subject to the COA.</small>



Biological Description

Description	TRAP-14 amide is a protease-activated receptor (PAR) activating peptide and acts as a PAR agonist, with an EC ₅₀ 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.
Targets(IC50)	MMP, Protease-activated Receptor, Integrin

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	0.5751 mL	2.8753 mL	5.7506 mL
5 mM	0.115 mL	0.5751 mL	1.1501 mL
10 mM	0.0575 mL	0.2875 mL	0.5751 mL
50 mM	0.0115 mL	0.0575 mL	0.115 mL

Please select the appropriate solvent to prepare the stock solution, according to the solubility of the product in different solvents. Please use it as soon as possible.

Note: The dilution table applies only to solid products. For liquid products, please calculate the stock solution based on the stated concentration and/or density.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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