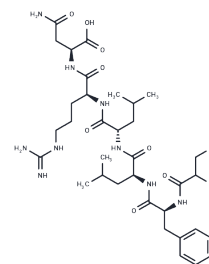


iso-TRAP-6

Chemical Properties

CAS No. :	150242-29-8
Formula:	C ₃₄ H ₅₆ N ₁₀ O ₉
Molecular Weight:	748.87
Storage:	Keep away from moisture, Store at low temperature Powder: -20°C for 3 years In solvent: -80°C for 1 year <i>Actual storage temperature shall be subject to the COA.</i>



Biological Description

Description	iso-TRAP-6 (iso-SFLLRN), a hexapeptide derived from the substitution of isoserine for serine, is a protease-activated receptor 1 (PAR1) agonist that activates platelets via PAR-1. iso-TRAP-6 is more resistant to degradation by plasma aminopeptidases than iso-TRAP-6.
Targets(IC50)	Protease-activated Receptor

Solubility Information

Solubility	DMSO: 80 mg/mL (106.83 mM), Sonication is recommended. (< 1 mg/ml refers to the product slightly soluble or insoluble)
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Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.3353 mL	6.6767 mL	13.3535 mL
5 mM	0.2671 mL	1.3353 mL	2.6707 mL
10 mM	0.1335 mL	0.6677 mL	1.3353 mL
50 mM	0.0267 mL	0.1335 mL	0.2671 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.

Reference

Gremmel T, et al. Sex-specific platelet activation through protease-activated receptor-1 in patients undergoing cardiac catheterization. *Atherosclerosis*. 2021 Dec;339:12-19.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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