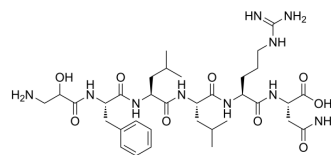


iso-TRAP-6

Cat. No.:	HY-P5001
CAS No.:	150242-29-8
Molecular Formula:	C ₃₄ H ₅₆ N ₁₀ O ₉
Molecular Weight:	748.87
Sequence:	{DL-IsoSer}-Phe-Leu-Leu-Arg-Asn
Sequence Shortening:	{DL-IsoSer}-FLLRN
Target:	Protease Activated Receptor (PAR)
Pathway:	GPCR/G Protein
Storage:	Sealed storage, away from moisture and light
	Powder -80°C 2 years
	-20°C 1 year



* In solvent : -80°C, 6 months; -20°C, 1 month (sealed storage, away from moisture and light)

SOLVENT & SOLUBILITY

In Vitro

DMSO : 100 mg/mL (133.53 mM; Need ultrasonic)

Concentration	Mass		
	1 mg	5 mg	10 mg
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

Please refer to the solubility information to select the appropriate solvent.

BIOLOGICAL ACTIVITY

Description

iso-TRAP-6 (iso-SFLLRN) is a PAR-1 agonist that can activate platelets. iso-TRAP-6 is an analog of TRAP-6 (HY-P0078) that refers to the use of isoserine instead of serine as first amino acid^[1].

REFERENCES

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

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

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