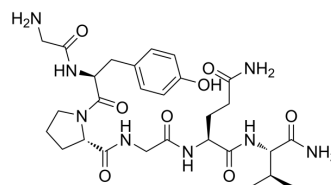


PAR-4 (1-6) amide (human)

Cat. No.:	HY-P4004
CAS No.:	245443-51-0
Molecular Formula:	C ₂₈ H ₄₂ N ₈ O ₈
Molecular Weight:	618.68
Sequence Shortening:	GYPGQV-NH2
Target:	Others
Pathway:	Others
Storage:	Sealed storage, away from moisture and light, under nitrogen 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, under nitrogen)

SOLVENT & SOLUBILITY

In Vitro

H₂O : 100 mg/mL (161.63 mM; Need ultrasonic)

Preparing Stock Solutions	Solvent Concentration	Mass	1 mg	5 mg	10 mg
	1 mM		1.6163 mL	8.0817 mL	16.1634 mL
	5 mM		0.3233 mL	1.6163 mL	3.2327 mL
	10 mM		0.1616 mL	0.8082 mL	1.6163 mL

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

BIOLOGICAL ACTIVITY

Description

PAR-4 (1-6) amide human is an N-terminal fragment of protease-activated receptor 4 (PAR4). PAR-4 (1-6) amide human induce platelet aggregation^[1].

In Vitro

PAR-4 (1-6) amide human (50, 100 μM) induces platelet aggregation^[1].
MCE has not independently confirmed the accuracy of these methods. They are for reference only.

REFERENCES

[1]. Shimizu M, et al. Thrombin-induced platelet aggregation -effect of dabigatran using automated platelet aggregometry. Platelets. 2020;31(3):360-364.

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

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