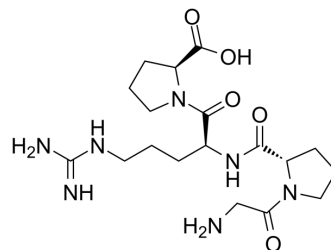


GPRP

Cat. No.:	HY-P0074
CAS No.:	67869-62-9
Molecular Formula:	C ₁₈ H ₃₁ N ₇ O ₅
Molecular Weight:	425.48
Target:	Integrin
Pathway:	Cytoskeleton
Storage:	Sealed storage, away from moisture
	Powder -80°C 2 years
	-20°C 1 year

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



SOLVENT & SOLUBILITY

In Vitro

H₂O : ≥ 50 mg/mL (117.51 mM)
 DMSO : 20.83 mg/mL (48.96 mM; Need ultrasonic)
 * "≥" means soluble, but saturation unknown.

	Solvent Concentration	Mass	1 mg	5 mg	10 mg
Preparing Stock Solutions	1 mM		2.3503 mL	11.7514 mL	23.5029 mL
	5 mM		0.4701 mL	2.3503 mL	4.7006 mL
	10 mM		0.2350 mL	1.1751 mL	2.3503 mL

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

BIOLOGICAL ACTIVITY

Description

GPRP (Pefa 6003) is a fibrin polymerization inhibitor that inhibits the interaction of fibrinogen with the platelet membrane glycoprotein IIb/IIIa complex (GPIIb/IIIa)^{[1][2]}.

CUSTOMER VALIDATION

- Cell Mol Gastroenterol Hepatol. 2021;11(3):683-696.

See more customer validations on www.MedChemExpress.com

REFERENCES

[1]. Gallistl S, et al. Gly-pro-arg-pro (GPRP) enhances free thrombin. Thromb Res. 1995 Jun 15;78(6):547-50.

[2]. Hsieh KH, et, al. Fibrin Polymerization. 1. Alkylating peptide inhibitors of fibrin polymerization. J Med Chem. 1981 Mar; 24(3): 322-7.

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

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