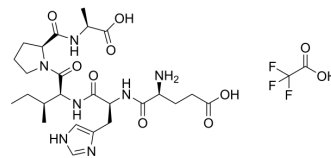


Fibrinogen-Binding Peptide TFA

Cat. No.:	HY-P1741A
Molecular Formula:	C ₂₇ H ₄₀ F ₃ N ₇ O ₁₀
Molecular Weight:	679.64
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 : 250 mg/mL (367.84 mM; Need ultrasonic)

Concentration	Mass		
	1 mg	5 mg	10 mg
1 mM	1.4714 mL	7.3568 mL	14.7137 mL
5 mM	0.2943 mL	1.4714 mL	2.9427 mL
10 mM	0.1471 mL	0.7357 mL	1.4714 mL

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

BIOLOGICAL ACTIVITY

Description

Fibrinogen-Binding Peptide TFA (designed by anticomplementarity hypothesis) is a presumptive peptide mimic of the vitronectin binding site on the fibrinogen receptor. Fibrinogen-Binding Peptide TFA binds fibrinogen and inhibits both the adhesion of platelets to fibrinogen and platelet aggregation, and also inhibits the adhesion of platelets to vitronectin^[1].

CUSTOMER VALIDATION

- Stem Cell Res Ther. 2020 Feb 21;11(1):76.

See more customer validations on www.MedChemExpress.com

REFERENCES

[1]. Gartner TK, et al. The peptide Glu-His-Ile-Pro-Ala binds fibrinogen and inhibits platelet aggregation and adhesion to fibrinogen and vitronectin. Proc Soc Exp Biol Med. 1991 Oct;198(1):649-55.

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

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