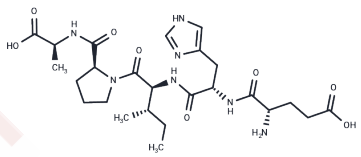
Data Sheet (Cat.No.TP1736)

TargetMol

Fibrinogen-Binding Peptide

Chemical Properties



CAS No. : 137235-80-4

Formula: C25H39N7O8

Molecular Weight: 565.62

Storage: Keep away from moisture
Powder: -20°C for 3 years | In solvent: -80°C for 1 year
Actual storage temperature shall be subject to the COA.

Biological Description

Description	Fibrinogen-Binding Peptide (designed by anticomplementarity hypothesis) is a presumptive mimic of the vitronectin binding site on the fibrinogen receptor. Fibrinogen, a soluble plasma protein and cofactor in platelet activation, is converted to fibrin in a thrombin-catalyzed reaction.
Targets(IC50)	Thrombin

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.768 mL	8.8399 mL	17.6797 mL
5 mM	0.3536 mL	1.768 mL	3.5359 mL
10 mM	0.1768 mL	0.884 mL	1.768 mL
50 mM	0.0354 mL	0.1768 mL	0.3536 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

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.

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