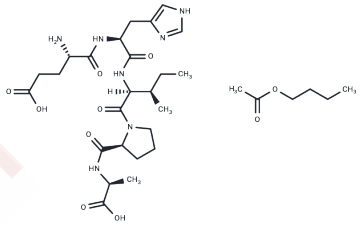
Data Sheet (Cat.No.TP1736L)

TargetMol

Fibrinogen-Binding Peptide fb-acetate

Chemical Properties



CAS No. :

Formula: C31H51N7O10

Molecular Weight: 681.8

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 peptide mimic of the vitronectin binding site on the fibrinogen receptor. Fibrinogen-Binding Peptide binds fibrinogen and inhibits both the adhesion of platelets to fibrinogen and platelet aggregation, and also inhibits the adhesion of platelets to vitronectin
Targets(IC50)	Others

Solubility Information

Solubility	DMSO: 10 mM,Sonication is recommended. (< 1 mg/ml refers to the product slightly soluble or insoluble)

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.4667 mL	7.3335 mL	14.6671 mL
5 mM	0.2933 mL	1.4667 mL	2.9334 mL
10 mM	0.1467 mL	0.7334 mL	1.4667 mL
50 mM	0.0293 mL	0.1467 mL	0.2933 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.

Tel:781-999-4286 E_mail:info@targetmol.com Address:34 Washington Street,Wellesley Hills,MA 02481