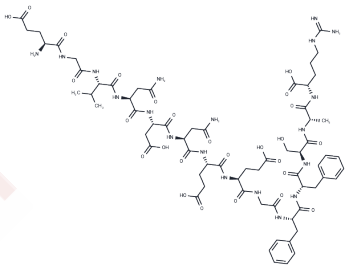
Data Sheet (Cat.No.TP1864)

TargetMol

[Glu1]-Fibrinopeptide B

Chemical Properties



CAS No. : 103213-49-6

Formula: C66H95N19O26

Molecular Weight: 1570.6

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	[Glu1]-Fibrinopeptide B, a derivative of fibrinopeptide B amino acid residues 1-14, originates from human fibrinopeptide B (hFpB). hFpB is a proteolytic cleavage product of the fibrinogen B beta-chain, specifically generated by thrombin, which plays a significant role in activating neutrophils (PMN), monocytes, and fibroblasts.

Solubility Information

Solubility	H2O: Soluble, (< 1 mg/ml refers to the product slightly soluble or insoluble)

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	0.6367 mL	3.1835 mL	6.367 mL
5 mM	0.1273 mL	0.6367 mL	1.2734 mL
10 mM	0.0637 mL	0.3183 mL	0.6367 mL
50 mM	0.0127 mL	0.0637 mL	0.1273 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

Senior RM, et al. Effects of fibrinogen derivatives upon the inflammatory response. Studies with human fibrinopeptide B. J Clin Invest. 1986 Mar;77(3):1014-9.

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