

GPRP acetate (67869-62-9 free base)

Chemical Properties

CAS No. : 157009-81-9

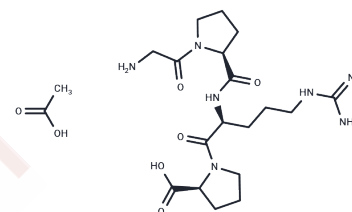
Formula: C₂₀H₃₅N₇O₇

Molecular Weight: 485.53

Keep away from moisture, Keep away from direct sunlight, Store at low temperature

Storage: Pure form: -20°C for 3 years | In solvent: -80°C for 1 year

Actual storage temperature shall be subject to the COA.



Biological Description

Description	GPRP acetate (Pefabloc FG) is fibrinogen-related peptides, which inhibit the interaction of fibrinogen with the platelet membrane glycoprotein IIb/IIIa complex (GPIIb/IIIa).
Targets(IC50)	Others, Integrin

Solubility Information

Solubility	H ₂ O: 125 mg/mL (257.45 mM), Sonication is recommended. (< 1 mg/ml refers to the product slightly soluble or insoluble)
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Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.0596 mL	10.298 mL	20.596 mL
5 mM	0.4119 mL	2.0596 mL	4.1192 mL
10 mM	0.206 mL	1.0298 mL	2.0596 mL
50 mM	0.0412 mL	0.206 mL	0.4119 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

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

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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