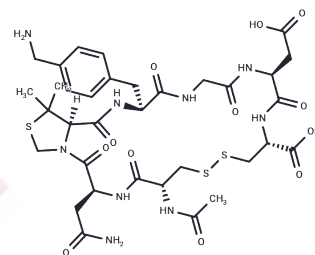


MK 0852

Chemical Properties

CAS No. : 138199-64-1
 Formula: C₃₄H₄₇N₉O₁₂S₃
 Molecular Weight: 869.98
 Storage: 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	MK 0852 is the platelet GP IIb/IIIa cyclic heptapeptide antagonist.
Targets(IC50)	Others

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.1495 mL	5.7473 mL	11.4945 mL
5 mM	0.2299 mL	1.1495 mL	2.2989 mL
10 mM	0.1149 mL	0.5747 mL	1.1495 mL
50 mM	0.023 mL	0.1149 mL	0.2299 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

- Zhao L, Bath P, Lösche W, Heptinstall S. Platelet-monocyte interaction and GPIIb/IIIa blockade. *Thromb Haemost.* 2004 Oct;92(4):888-90. PubMed PMID: 15467921.
- Zhao L, Bath PM, May J, Lösche W, Heptinstall S. P-selectin, tissue factor and CD40 ligand expression on platelet-leucocyte conjugates in the presence of a GPIIb/IIIa antagonist. *Platelets.* 2003 Nov-Dec;14(7-8):473-80. Erratum in: *Platelets.* 2004 Feb;15(1):63. PubMed PMID: 14713516.
- Zhao L, Bath PM, Fox S, May J, Judge H, Lösche W, Heptinstall S. The effects of GPIIb-IIIa antagonists and a combination of three other antiplatelet agents on platelet-leukocyte interactions. *Curr Med Res Opin.* 2003;19(3):178-86. PubMed PMID: 12803731.
- Lages B, Weiss HJ. Greater inhibition of platelet procoagulant activity by antibody-derived glycoprotein IIb--IIIa inhibitors than by peptide and peptidomimetic inhibitors. *Br J Haematol.* 2001 Apr;113(1):65-71. PubMed PMID: 11328283.

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