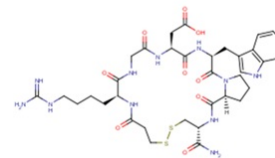


Eptifibatide

Chemical Properties

CAS No.:	148031-34-9
Formula:	C ₃₅ H ₄₉ N ₁₁ O ₉ S ₂
Molecular Weight:	831.96
Appearance:	N/A
Storage:	0-4°C for short term (days to weeks), or -20°C for long term (months).



Biological Description

Description	Eptifibatide, an antiplatelet drug of the glycoprotein IIb/IIIa inhibitor class, is a cyclic heptapeptide constructed from 6 amino acids and a mercaptopropionyl residue.
Targets(IC ₅₀)	Others: None

Solubility Information

Solubility	Water: 10 mM (< 1 mg/ml refers to the product slightly soluble or insoluble)
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Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.202 mL	6.01 mL	12.02 mL
5 mM	0.24 mL	1.202 mL	2.404 mL
10 mM	0.12 mL	0.601 mL	1.202 mL
50 mM	0.024 mL	0.12 mL	0.24 mL

Please select the appropriate solvent to prepare the stock solution, according to the solubility of the product in different solvents. The storage conditions and period of the stock solution: - 80 °C for 6 months; - 20 °C for 1 month. Please use it as soon as possible.

Reference

1. van Rensburg, W.J.J., Roodt, J.P., Lamprecht, S. et al. Clin Exp Med (2012) 12: 257. <https://doi.org/10.1007/s10238-011-0171-4>
2. Mosawy, S., Jackson, D., Woodman, O., & Linden, M. (2012). Inhibition of platelet-mediated arterial thrombosis and platelet granule exocytosis by 3',4'-dihydroxyflavonol and quercetin. Platelets, 24(8), 594-604. doi: 10.3109/09537104.2012.749396

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