

## Eptifibatide

## Chemical Properties

CAS No. : 148031-34-9

Formula: C<sub>35</sub>H<sub>49</sub>N<sub>11</sub>O<sub>9</sub>S<sub>2</sub>

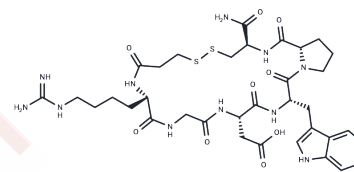
Molecular Weight: 831.96

Storage:

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

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	Eptifibatide (Eptifibatide Acetate), an antiplatelet drug of the glycoprotein IIb/IIIa inhibitor class, is a cyclic heptapeptide constructed from 6 amino acids and a mercaptopropionyl residue.
Targets(IC50)	Others

## Solubility Information

Solubility	H <sub>2</sub> O: 10 mM, Sonication is recommended. (< 1 mg/ml refers to the product slightly soluble or insoluble)
------------	--

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.202 mL	6.0099 mL	12.0198 mL
5 mM	0.2404 mL	1.202 mL	2.404 mL
10 mM	0.1202 mL	0.601 mL	1.202 mL
50 mM	0.024 mL	0.1202 mL	0.2404 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

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>

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

**Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins**

This product is for Research Use Only · Not for Human or Veterinary or Therapeutic Use

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