

# Tirofiban

**Catalog No: tcsc2829**



## Available Sizes

**Size:** 5mg

**Size:** 10mg



## Specifications

**CAS No:**

144494-65-5

**Formula:**

$C_{22}H_{36}N_2O_5S$

**Pathway:**

Cytoskeleton

**Target:**

Integrin

**Purity / Grade:**

>98%

**Solubility:**

10 mM in DMSO

**Alternative Names:**

L700462;MK383

**Observed Molecular Weight:**

440.6

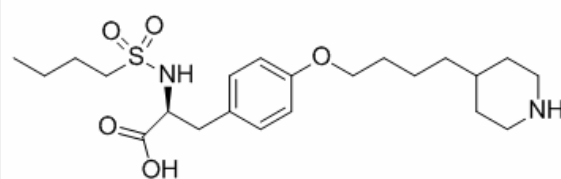
## Product Description

Tirofiban(L700462;MK383) is a potent non-peptide, glycoprotein IIb/IIIa (integrins  $\alpha$ IIb $\beta$ 3) antagonist

Target: integrin IIb/IIIa

Tirofiban hydrochloride monohydrate blocks platelet aggregation and thrombus formation. Tirofiban is an antithrombotic used in the treatment of unstable angina.

Tirofiban, in a concentration-dependent manner reduced platelet aggregation evoked by ADP (IC<sub>50</sub> approximately 70 ng/ml), collagen (IC<sub>50</sub> approximately 200 ng/ml), and thrombin (IC<sub>50</sub> approximately 5,000 ng/ml).



All products are for RESEARCH USE ONLY. Not for diagnostic & therapeutic purposes!