

Tirofiban (hydrochloride monohydrate)

Catalog No: tcsc0948



Available Sizes

Size: 5mg

Size: 10mg

Size: 50mg

Size: 100mg



Specifications

CAS No:

150915-40-5

Formula:

$C_{22}H_{39}ClN_2O_6S$

Pathway:

Cytoskeleton

Target:

Integrin

Purity / Grade:

>98%

Solubility:

DMSO : 12 mg/mL (24.24 mM; Need ultrasonic and warming)

Observed Molecular Weight:

495.07

Product Description

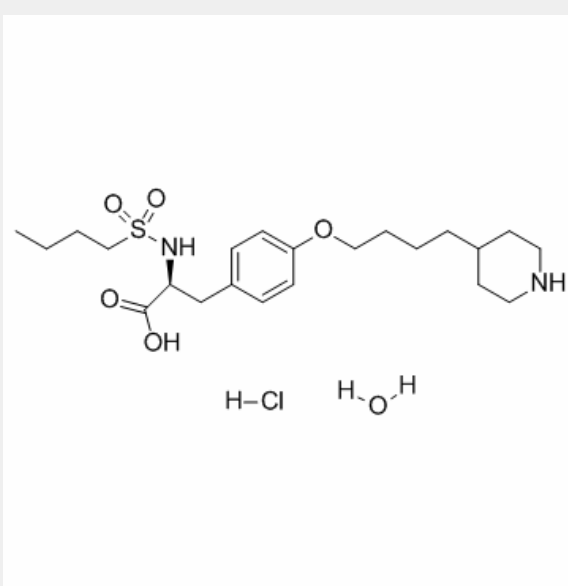
Tirofiban hydrochloride monohydrate is a potent non-peptide, glycoprotein IIb/IIIa (integrins $\alpha IIb\beta 3$) antagonist

IC50 value:

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 (IC50 approximately 70 ng/ml), collagen (IC50 approximately 200 ng/ml), and thrombin (IC50 approximately 5,000 ng/ml).



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