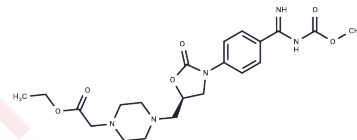


Gantofiban

Chemical Properties

CAS No. :	183547-57-1
Formula:	C ₂₁ H ₂₉ N ₅ O ₆
Molecular Weight:	447.48
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	Gantofiban is a glycoprotein IIb/IIIa (GP IIb/IIIa) antagonist used in the treatment of cardiovascular disease and may be used to study thrombosis.
Targets(IC50)	Integrin

Solubility Information

Solubility	DMSO: 60 mg/mL (134.08 mM), Sonication is recommended. (< 1 mg/ml refers to the product slightly soluble or insoluble)
------------	---

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.2347 mL	11.1737 mL	22.3474 mL
5 mM	0.4469 mL	2.2347 mL	4.4695 mL
10 mM	0.2235 mL	1.1174 mL	2.2347 mL
50 mM	0.0447 mL	0.2235 mL	0.4469 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

Schulte M, et al. Enantioseparation of gantofiban precursors on chiral stationary phases of the poly-(N-acryloyl amino acid derivative)-type. J Pharm Biomed Anal. 2002;27(3-4):627-637.

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