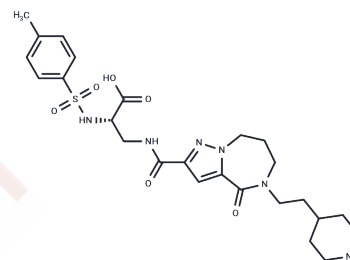


L 738167

Chemical Properties

CAS No. : 163212-43-9
 Formula: C₂₅H₃₄N₆O₆S
 Molecular Weight: 546.64
 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	L 738167 is a potent antagonist of the long-acting fibrinogen receptor.
Targets(IC50)	Others,Integrin

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.8294 mL	9.1468 mL	18.2936 mL
5 mM	0.3659 mL	1.8294 mL	3.6587 mL
10 mM	0.1829 mL	0.9147 mL	1.8294 mL
50 mM	0.0366 mL	0.1829 mL	0.3659 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

- Bednar B, Cook JJ, Holahan MA, Cunningham ME, Jumes PA, Bednar RA, Hartman GD, Gould RJ. Fibrinogen receptor antagonist-induced thrombocytopenia in chimpanzee and rhesus monkey associated with preexisting drug-dependent antibodies to platelet glycoprotein IIb/IIIa. *Blood*. 1999 Jul 15;94(2):587-99. PubMed PMID: 10397726.
- Bray ML, Jahansouz H, Kaufman MJ. Selection of optimal hydrate/solvate forms of a fibrinogen receptor antagonist for solid dosage development. *Pharm Dev Technol*. 1999 Jan;4(1):81-7. PubMed PMID: 10027216.
- Bednar RA, Gaul SL, Hamill TG, Egbertson MS, Shafer JA, Hartman GD, Gould RJ, Bednar B. Identification of low molecular weight GP IIb/IIIa antagonists that bind preferentially to activated platelets. *J Pharmacol Exp Ther*. 1998 Jun;285(3):1317-26. PubMed PMID: 9618439.
- Cook JJ, Glass JD, Sitko GR, Holahan MA, Stupienski RF 3rd, Wallace AA, Stump GL, Hand EL, Askew BC, Hartman GD, Gould RJ, Lynch JJ Jr. Nonpeptide glycoprotein IIb/IIIa inhibitors: 14: oral antithrombotic efficacy of L-738,167 in a conscious canine model of coronary artery electrolytic injury. *Circulation*. 1997 Aug 5;96(3):949-58. PubMed PMID: 9264506.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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