

L 734217

## Chemical Properties

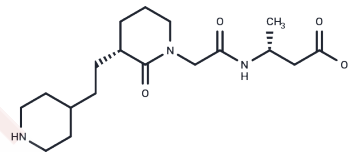
CAS No. : 146144-48-1

Formula: C<sub>18</sub>H<sub>31</sub>N<sub>3</sub>O<sub>4</sub>

Molecular Weight: 353.46

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 734217 is an antagonist of the fibrinogen receptor.
Targets(IC50)	Others,Integrin

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.8292 mL	14.1459 mL	28.2917 mL
5 mM	0.5658 mL	2.8292 mL	5.6583 mL
10 mM	0.2829 mL	1.4146 mL	2.8292 mL
50 mM	0.0566 mL	0.2829 mL	0.5658 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.
- Prueksaritanont T, Stranieri MT, Hand EL, Ellis JD, Holahan MA, Sitko GR, Cook JJ. Effects of pentobarbital on pharmacokinetics and pharmacodynamics of a potent fibrinogen receptor antagonist, L-734,217, in dogs. *Biopharm Drug Dispos*. 1997 Nov;18(8):649-63. PubMed PMID: 9373723.
- Cook JJ, Holahan MA, Lyle EA, Ramjit DR, Sitko GR, Stranieri MT, Stupienski RF 3rd, Wallace AA, Hand EL, Gehret JR, Kothstein T, Drag MD, McCormick GY, Perkins JJ, Ihle NC, Duggan ME, Hartman GD, Gould RJ, Lynch JJ Jr. Nonpeptide glycoprotein IIb/IIIa inhibitors. 8. Antiplatelet activity and oral antithrombotic efficacy of L-734,217. *J Pharmacol Exp Ther*. 1996 Jul;278(1):62-73. PubMed PMID: 8764336.
- Duggan ME, Naylor-Olsen AM, Perkins JJ, Anderson PS, Chang CT, Cook JJ, Gould RJ, Ihle NC, Hartman GD, Lynch JJ, et al. Non-peptide fibrinogen receptor antagonists. 7. Design and synthesis of a potent, orally active fibrinogen receptor antagonist. *J Med Chem*. 1995 Aug 18;38(17):3332-41. PubMed PMID: 7650686.

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