

Ro 43-5054

Chemical Properties

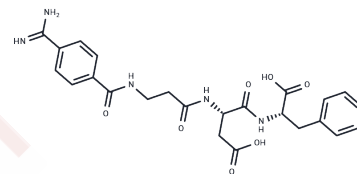
CAS No. : 138107-58-1

Formula: C₂₄H₂₇N₅O₇

Molecular Weight: 497.5

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	Ro 43-5054 is a small molecular, noncyclic peptidomimetic inhibitor.
Targets(IC50)	Others,Integrin

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.0101 mL	10.0503 mL	20.1005 mL
5 mM	0.402 mL	2.0101 mL	4.0201 mL
10 mM	0.201 mL	1.005 mL	2.0101 mL
50 mM	0.0402 mL	0.201 mL	0.402 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

Roux SP, Tschopp TB, Kuhn H, Steiner B, Hadvary P. Effects of heparin, aspirin and a synthetic platelet glycoprotein IIb-IIIa receptor antagonist (Ro 43-5054) on coronary artery reperfusion and reocclusion after thrombolysis with tissue-type plasminogen activator in the dog. *J Pharmacol Exp Ther.* 1993 Jan;264(1):501-8. PubMed PMID: 8423548.

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Xia Z, Frojmovic MM. Aggregation efficiency of activated normal or fixed platelets in a simple shear field: effect of shear and fibrinogen occupancy. *Biophys J.* 1994 Jun;66(6):2190-201. PubMed PMID: 8075353; PubMed Central PMCID: PMC1275945.

Wang XF, Liu F, Morris SA, Carroll RC. Synergistic outside-in regulation of platelet activation by GPIIb/IIIa ligand-induced conformation and oligomerization. *Thromb Res.* 2001 Nov 15;104(4):239-47. PubMed PMID: 11728525.

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