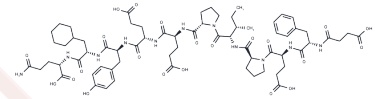


BMS 180742

Chemical Properties

CAS No. :	138828-04-3
Formula:	C67H93N11O22
Molecular Weight:	1404.52
Storage:	Keep away from moisture Powder: -20°C for 3 years In solvent: -80°C for 1 year <small>Actual storage temperature shall be subject to the COA.</small>



Biological Description

Description	BMS 180742 is an exosite inhibitor of thrombin.
Targets(IC50)	Others,Thrombin

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	0.712 mL	3.5599 mL	7.1199 mL
5 mM	0.1424 mL	0.712 mL	1.424 mL
10 mM	0.0712 mL	0.356 mL	0.712 mL
50 mM	0.0142 mL	0.0712 mL	0.1424 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

- Schumacher WA, Steinbacher TE, Heran CL, Seiler SM, Michel IM, Ogletree ML. Comparison of thrombin active site and exosite inhibitors and heparin in experimental models of arterial and venous thrombosis and bleeding. *J Pharmacol Exp Ther.* 1993 Dec;267(3):1237-42. PubMed PMID: 8263785.
- Tesfamariam B, Allen GT, Normandin D, Antonaccio MJ. Involvement of the "tethered ligand" receptor in thrombin-induced endothelium-mediated relaxations. *Am J Physiol.* 1993 Nov;265(5 Pt 2):H1744-9. PubMed PMID: 8238588.
- Webb ML, Taylor DS, Molloy CJ. Effects of thrombin receptor activating peptide on phosphoinositide hydrolysis and protein kinase C activation in cultured rat aortic smooth muscle cells: evidence for "tethered-ligand" activation of smooth muscle cell thrombin receptors. *Biochem Pharmacol.* 1993 Apr 22;45(8):1577-82. PubMed PMID: 8387299.
- Seiler SM, Michel IM, Fenton JW 2nd. Involvement of the "tethered-ligand" receptor in thrombin inhibition of platelet adenylate cyclase. *Biochem Biophys Res Commun.* 1992 Feb 14;182(3):1296-302. PubMed PMID: 1371679.

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