

PM 102

Chemical Properties

CAS No. :	1234564-95-4
Formula:	C235H425N111064
Molecular Weight:	5830
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	Peptide that reverses the anticoagulant effect of heparin. Potently binds heparin (Kd = 36 nM in vitro).
Targets(IC50)	Thrombin

Solubility Information

Solubility	H2O: 5 mg/mL (0.86 mM),Sonication is recommended. (< 1 mg/ml refers to the product slightly soluble or insoluble)
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Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	0.1715 mL	0.8576 mL	1.7153 mL
5 mM	0.0343 mL	0.1715 mL	0.3431 mL
10 mM	0.0172 mL	0.0858 mL	0.1715 mL
50 mM	0.0034 mL	0.0172 mL	0.0343 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

Cushing et al (2010) Reversal of heparin-induced increases in aPTT in the rat by PM102, a novel he. antagonist. Eur.J.Pharmacol. 635 165 PMID:

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