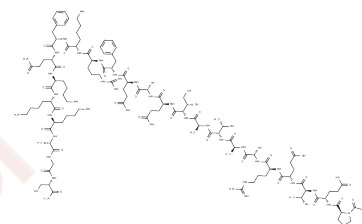


Camstatin

Chemical Properties

CAS No. :	1002295-95-5
Formula:	C122H203N39O34
Molecular Weight:	2760.19
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	An analog of PEP-19 with enhanced binding to and antagonism of calmodulin.
Targets(IC50)	NO Synthase

Solubility Information

Solubility	H2O: 1 mg/mL (0.36 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	0.3623 mL	1.8115 mL	3.6229 mL
5 mM	0.0725 mL	0.3623 mL	0.7246 mL
10 mM	0.0362 mL	0.1811 mL	0.3623 mL
50 mM	0.0072 mL	0.0362 mL	0.0725 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

Slemmon et al (1996) CamSTAT are peptide antagonists of calumodulin based upon a conserved structural motif in PEP-19, a neurogranin and neuromodulin J.Biol.Chem. 271 15911 PMID:

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