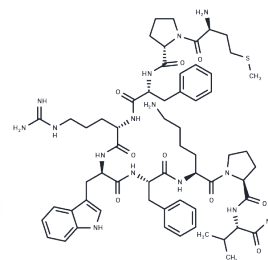


Nonapeptide-1

Chemical Properties

CAS No. :	158563-45-2
Formula:	C61H87N15O9S
Molecular Weight:	1206.5
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	Nonapeptide-1 (Melanostatin™ 5) can inhibit the synthesis of melanin, which makes it of interest for treating certain skin conditions.
Targets(IC50)	Others, Melanocortin Receptor

Solubility Information

Solubility	DMSO: 255 mg/mL (211.36 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	0.8288 mL	4.1442 mL	8.2884 mL
5 mM	0.1658 mL	0.8288 mL	1.6577 mL
10 mM	0.0829 mL	0.4144 mL	0.8288 mL
50 mM	0.0166 mL	0.0829 mL	0.1658 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

Kelly A M , Ophir A G . Compared to what: what can we say about nonapeptide function and social behavior without a frame of reference?]. Current Opinion in Behavioral Sciences, 2015, 6:97-103.

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