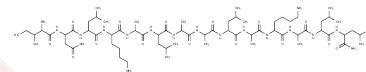


Mas7

Chemical Properties

CAS No. :	145854-59-7
Formula:	C67H124N18O15
Molecular Weight:	1421.81
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	Amphiphilic peptide Mas7, a structural analogue of mastoparan is a known activator of heterotrimeric Gi-proteins and its downstream effectors.
Targets(IC50)	Apoptosis

Solubility Information

Solubility	H2O: Soluble, (< 1 mg/ml refers to the product slightly soluble or insoluble)
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Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	0.7033 mL	3.5166 mL	7.0333 mL
5 mM	0.1407 mL	0.7033 mL	1.4067 mL
10 mM	0.0703 mL	0.3517 mL	0.7033 mL
50 mM	0.0141 mL	0.0703 mL	0.1407 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

Bavec A, et al. Novel features of amphiphilic peptide Mas7 in signalling via heterotrimeric G-proteins. J Pept Sci. 2004 Nov;10(11):691-9.

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