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Lieferung & Zahlungsart

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Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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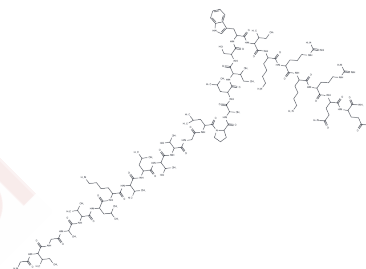
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Melittin

Chemical Properties

CAS No. :	20449-79-0
Formula:	C131H229N39O31
Molecular Weight:	2846.46
Appearance:	no data available
Storage:	store at low temperature,keep away from direct sunlight,keep away from moisture Powder: -20°C for 3 years In solvent: -80°C for 1 year



Biological Description

Description	Melittin, a small protein containing 26 amino acid residues, is the principal toxic component of bee venom. Melittin is a PLA2 activator, stimulates the activity of the low molecular weight PLA2, while it does not the increase activity of the high molecular weight PLA2.
Targets(IC50)	Phospholipase

Solubility Information

Solubility	H2O: 25 mg/mL (8.78 mM), (< 1 mg/ml refers to the product slightly soluble or insoluble)
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Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	0.3513 mL	1.7566 mL	3.5131 mL
5 mM	0.0703 mL	0.3513 mL	0.7026 mL
10 mM	0.0351 mL	0.1757 mL	0.3513 mL
50 mM	0.007 mL	0.0351 mL	0.0703 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.

Reference

Steiner MR, et al. Responses of purified phospholipases A2 to phospholipase A2 activating protein (PLAP) and Melittin. Biochim Biophys Acta. 1993 Feb 10;1166(1):124-30.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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