

Rev01  
Update: Dec,28,2022

**DATASHEET**

# Melittin,honey bee

Cat. No.: RP20415

## Overview

<b>Description</b>	Melittin, a 26-residue bee venom peptide, is known to induce murine antibodies specific for its hydrophilic C-terminus of residues 20 to 26 and T-cell responses specific for its hydrophobic mid-region .This peptide is an anti-inflammatory agent, it inhibits the lyme disease spirochete.
<b>Sequence</b>	{Gly}{Ile}{Gly}{Ala}{Val}{Leu}{Lys}{Val}{Leu}{Thr}{Thr}{Gly}{Leu}{Pro}{Ala}{Leu}{Ile}{Ser}{Trp}{Ile}{Lys}{Arg}{Lys}{Arg}{Gln}{Gln}
<b>Sequence Shortening</b>	GIGAVLKVLTTGLPALISWIKRKRQQ
<b>Molecular Formula</b>	C <sub>131</sub> H <sub>228</sub> N <sub>38</sub> O <sub>32</sub>
<b>Molecular Weight</b>	2847.5

## Properties

<b>Purity</b>	> 95%
<b>Form</b>	Lyophilized
<b>Storage</b>	Store at -20°C. Keep tightly closed. Store in a cool dry place.