

**Melittin****Cat. No.:** RP10290-1**Size:** 1 mg**Description:**

This 26-residue polypeptide isolated from bee venom binds calmodulin in a Ca<sup>2+</sup>-dependent manner, activates phospholipase A2, and inhibits protein kinase C (IC<sub>50</sub>=7 mM) by binding to the catalytic domain in a Mg-ATP-sensitive manner.

**Cas No:** 20449-79-0**C-Terminal:** NH<sub>2</sub>**Sequence (one-letter code):**GIGAVLKVLTTGLPALISWIKRKRQQ-NH<sub>2</sub>**Sequence (three-letter code):**

{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}-NH<sub>2</sub>

**Formula:** C<sub>131</sub>H<sub>229</sub>N<sub>39</sub>O<sub>31</sub>**Molecular Weight:** 2,846.46**Purity:** > 95%**Storage:**

Store at -20°C

**Note:** Polypeptide from honey bee venom

\*For Non-Clinical Research Use Only \*

