

## Melittin

Catalog #	Source	Reactivity	Applications
CCP1317	Synthetic		
<b>Description</b>	Peptide to Melittin		
<b>Biological Description</b>	Synthetic melittin, the main component of the honeybee venom. The amphiphilic nature of this antimicrobial peptide makes it an excellent model compound for monitoring lipid-protein interactions in membranes.		
<b>Form</b>	Lyophilized powder		
<b>CAS Number</b>	20449-79-0		
<b>Molecular Formula</b>	C131H229N39O31		
<b>Molecular Weight</b>	2846.5		
<b>Purity</b>	> 95%		
<b>Chemical Structure</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 - NH <sub>2</sub>		
<b>Storage/Stability</b>	Shipped at 4°C. Store at -20°C for one year.		

**Application key:** E- ELISA, WB- Western blot, IH- Immunohistochemistry, IF- Immunofluorescence, FC- Flow cytometry, IC- Immunocytochemistry, IP- Immunoprecipitation, CHIP- Chromatin Immunoprecipitation, EMSA- Electrophoretic Mobility Shift Assay, SE- Sandwich ELISA, CBE- Cell-based ELISA, RNAi- RNA interference

**Species reactivity key:** H- Human, M- Mouse, R- Rat, B- Bovine, C- Chicken, D- Dog, Mk- Monkey, P- Pig, Rb- Rabbit, S- Sheep, Z- Zebrafish

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