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## Product Datasheet

**Melittin (synthetic), CAS [[20449-79-0]]**  
**ISC-AM-050**

|                            |                                                                                                                                                                                                                                                               |
|----------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Article Name               | Melittin (synthetic), CAS [[20449-79-0]]                                                                                                                                                                                                                      |
| Biozol Catalog Number      | ISC-AM-050                                                                                                                                                                                                                                                    |
| Supplier Catalog Number    | AM-050                                                                                                                                                                                                                                                        |
| Alternative Catalog Number | ISC-AM-050                                                                                                                                                                                                                                                    |
| Manufacturer               | Isca Biochemicals                                                                                                                                                                                                                                             |
| Category                   | Biochemikalien                                                                                                                                                                                                                                                |
| Product Description        | Melittin is a cationic, haemolytic component of honey bee venom used to study cell and liposome lysis. Melittin is a positively charged, amphipathic 26-amino-acid peptide that associates with the phospholipids of membrane bilayers, causing cell death... |
| Molecular Weight           | 2846.5                                                                                                                                                                                                                                                        |
| NCBI                       | <a href="#">1998</a>                                                                                                                                                                                                                                          |
| Purity                     | >95% by HPLC                                                                                                                                                                                                                                                  |
| Form                       | Freeze dried solid                                                                                                                                                                                                                                            |
| Sequence                   | H-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-NH2                                                                                                                                                 |
| CAS Number                 | [20449-79-0]                                                                                                                                                                                                                                                  |
| Formula                    | C131H228N38O32                                                                                                                                                                                                                                                |
| Target                     | Kinases,Antibacterials                                                                                                                                                                                                                                        |
| Application Notes          | ProductType: Antimicrobial peptides                                                                                                                                                                                                                           |