

Melittin

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| Cat. No.: | HY-P0233 |
| CAS No.: | 20449-79-0 |
| Batch No.: | 291050 |
| Chemical Name: | L-Glutamamide, glycy-L-iso-leucylglycyl-L-alanyl-L-valyl-L-leucyl-L-lysyl-L-valyl-L-leucyl-L-threonyl-L-threonylglycyl-L-leucyl-L-prolyl-L-alanyl-L-leucyl-L-iso-leucyl-L-seryl-L-tryptophyl-L-iso-leucyl-L-lysyl-L-arginyl-L-lysyl-L-arginyl-L-glutaminyl- |

PHYSICAL AND CHEMICAL PROPERTIES

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| Molecular Formula: | C ₁₃₁ H ₂₂₉ N ₃₉ O ₃₁ |
| Molecular Weight: | 2846.46 |
| Storage: | Sealed storage, away from moisture and light Powder -80°C 2 years -20°C 1 year * In solvent : -80°C, 6 months; -20°C, 1 month (sealed storage, away from moisture and light) |

Chemical Structure:

GIGAVLKVLTTGLPALISWIKRKRQQ-NH₂

ANALYTICAL DATA

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|----------------|---|
| Appearance: | White to off-white (Solid) |
| LCMS: | Consistent with structure |
| Purity (HPLC): | 99.78% |
| Conclusion: | The product has been tested and complies with the given specifications. |

Caution: Product has not been fully validated for medical applications. For research use only.

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