Melittin (synthetic)

PLA_2 activator

PLA_2 stimulatory bee venom peptide. Sequence is similar to Phospholipase A_2 Activating Peptide (Prod. No. ALX-165-007). Activates PLA_2 (5-fold at 10µg/ml) in BC3H1 cells. For additional technical information see melittin (natural) (Prod. No. ALX-162-006).

Citations: 1 View Online »

Ordering Information Order Online »

ALX-162-007-M001	1mg

Manuals, SDS & CofA View Online »

Handling & Storage

Use/Stability	As indicated on product label or CoA when stored as recommended.
Handling	Protect from light.
Long Term Storage	-20°C
Shipping	Ambient Temperature

Regulatory Status

RUO - Research Use Only

Product Details

Appearance	White to off-white powder.
CAS	20449-79-0
Formula	$C_{131}H_{229}N_{39}O_{31}$
MI	**14:** 5824
MW	2846.5
Peptide Content	70-90%
Purity	≥97% (HPLC)
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-NH_2
Solubility	Soluble in water.
Source	Synthetic.

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