# Autocamtide-2-related inhibitory peptide

## CaM kinase II inhibitor

Highly specific and potent inhibitor of $Ca^{2+}$/calmodulin-dependent protein kinase II without affecting cAMP-dependent protein kinase (PKA), protein kinase C (PKC) and $Ca^{2+}$/calmodulin-dependent protein kinase IV.

**Citations:** 5 View Online »

## Manuals, SDS & CofA View Online »

## Handling & Storage

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

## Regulatory Status

RUO - Research Use Only

## Product Details

| | |
|---|---|
| **Alternative Name** | AIP |
| **Appearance** | Lyophilized. |
| **CAS** | 167114-91-2 |
| **Formula** | $C_{64}H_{116}N_{22}O_{19}$ |
| **MW** | 1497.8 |
| **Purity** | ≥96% |
| **Sequence** | H-Lys-Lys-Ala-Leu-Arg-Arg-Gln-Glu-Ala-Val-Asp-Ala-Leu-OH |
| **Solubility** | Soluble in water. |

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ENZO LIFE SCIENCES, INC.
Phone: 800.942.0430
info-usa@enzolifesciences.com

European Sales Office
ENZO LIFE SCIENCES (ELS) AG
Phone: +41 61 926 8989
info-eu@enzolifesciences.com

Belgium, The Netherlands & Luxembourg
Phone: +32 3 466 0420
info-be@enzolifesciences.com

France
Phone: +33 472 440 655
info-fr@enzolifesciences.com

Germany
Phone: +49 7621 5500 526
info-de@enzolifesciences.com

UK & Ireland
Phone (UK customers): 0845 601 1488
Phone: +44 1392 825900
info-uk@enzolifesciences.com

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