AIP (myristoylated)

CaM kinase inhibitor

Citations: 3 View Online »

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BML-P212-0500	0.5mg

Manuals, SDS & CofA View Online »

Handling & Storage

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

Regulatory Status

RUO - Research Use Only

Product Details

Alternative Name	Autocamtide-2-related inhibitory peptide (myristoylated)
Appearance	Powder.
Formulation	Lyophilized. Trifluoroacetate salt.
Identity	Determined by MS.
MW	1708.1
Purity	≥95% (HPLC)
Sequence	N-Myr-Lys-Lys-Ala-Leu-Arg-Arg-Gln-Glu-Ala-Val-Asp-Ala-Leu
Solubility	Soluble in 30% Acetic Acid in Water (5 mg/ml).
Source	Synthetic.
Technical Info / Product Notes	AIP (autocamtide-2-related inhibitory peptide, Prod. No. BML-P211) is a highly-specific and potent inhibitor of CaM kinase II. The sequence is derived from autocamtide-2 (Prod. No. BML-P101) but alanine is substituted for threonine at the 9-position. AIP at 1 µM completely inhibited CaM kinase II but did not affect PKC, PKA, CaMKIV and other brain extract kinases. Myristoylated AIP (Prod. No. BML-P212) is the same sequence as AIP but is N-terminal myristoylated to increase cell-permeability.

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