# **Antipain**

#### **Papain inhibitor**

Inhibits papain and trypsin and to a small extent plasmin. Antipain is more specific for papain and trypsin than is leupeptin (Prod. No. ALX-260-009). The inhibitory potency of antipain is 100-fold higher than that of elastatinal. Acts by forming a hemiacetal adduct between its aldehyde group and the active serine of the proteinase.

Citations: 3

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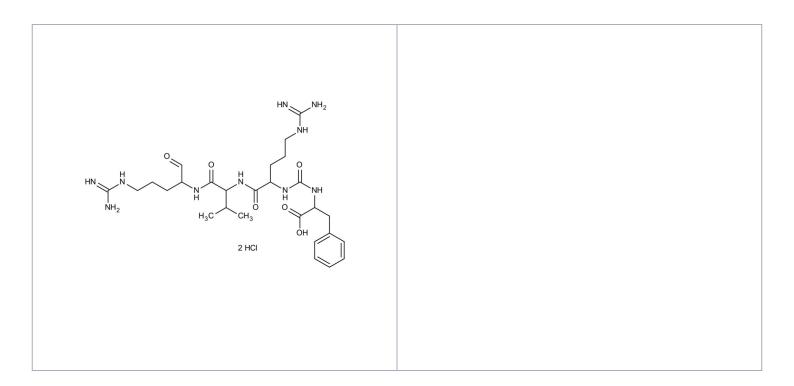
## **Ordering Information**

Order Online »

ALX-260-093-M005	5mg
ALX-260-093-M025	25mg

Manuals, SDS & CofA

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### **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**

**Activity** Inhibitory Activity ≥30 U/mg (Trypsin, L-BAPA)

Alternative Name [(S)-1-Carboxy-2-phenylethyl]-carbamoyl-Arg-Val-arginal .

2HCI

**Appearance** White to off-white powder.

CAS 37682-72-7

Couple Target Papain

Couple Type Inhibitor

Formula  $C_{27}H_{44}N_{10}O_6$  . 2HCl

**MW** 604.7 . 72.9

Purity ≥97% (HPLC)

Sequence [(S)-1-Carboxy-2-phenylethyl]-carbamoyl-Arg-Val-arginal

**Solubility** Soluble in water, methanol, 100 % ethanol or acetonitrile.

Source Synthetic.



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