E-64

Protease inhibitor

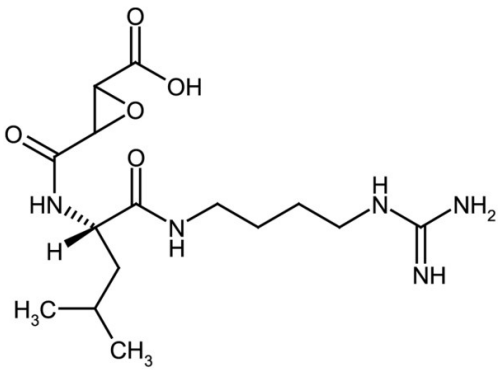
Irreversible inhibitor of cysteine proteinases like papain, calpain, cathepsin B, L and H. Acts by forming a thioether bond with the thiol of the active cysteine. Does not inhibit serine proteinases. Inhibits degradation of autophagic cargo in autophagolysosomes.

Citations: 7 View Online »

Ordering Information Order Online »

ALX-260-007-M025	25mg

Manuals, SDS & CofA View Online »



260-007
E-64

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

Alternative Name	N-[N-(L-3-trans-Carboxyoxirane-2-carbonyl]-L-leucyl)-agmatine, L-trans-Epoxysuccinyl-leucylamide-(4-guanido)-butane
Appearance	White to off-white solid.
CAS	66701-25-5
Couple Target	Calpain, Cathepsin, Papain
Couple Type	Inhibitor
Formula	$C_{15}H_{27}N_5O_5 \cdot 0.5\ H_20$
MW	357.4
Purity	≥98%
Solubility	Soluble in water/ethanol 1:1 mixture (15 mg/ml).
Source	Synthetic.

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