Proteasome inhibitor I (aldehyde)

Cell permeable inhibitor of the 26S proteasome (MCP; multicatalytic proteinase complex) in HT4 cells. Causes accumulation of ubiquitinylated proteins in neuronal cells. Prevents the activation of NF-κB in response to TNF-α or okadaic acid (Prod. No. ALX-350-003) through inhibition of IκBα degradation.

Citations: 4 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	Z-IE(OtBu)AL-CHO, Z-Ile-Glu(OtBu)-Ala-Leu-CHO, PSI
Appearance	White powder.
Formula	$C_{32}H_{50}N_4O_8$
MW	618.8
Purity	≥95% (TLC)
Sequence	Z-Ile-Glu(OtBu)-Ala-Leu-CHO
Solubility	Soluble in 100% ethanol (30mg/ml), DMSO (30mg/ml) or methanol (50mg/ml).

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