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**Product Data Sheet**

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Product Name: Ac-Leu-Val-Lys-aldehyde

Cat. No.: GA20598

**Chemical Properties**

Cas. No. 147600-40-6

Formula  $C_{19}H_{36}N_4O_4$  M.Wt 384.52Solubility Soluble in DMSO Storage Store at  $-20^{\circ}C$ 

General tips For obtaining a higher solubility , please warm the tube at  $37^{\circ}C$  and shake it in the ultrasonic bath for a while. Stock solution can be stored below  $-20^{\circ}C$  for several months.

Shipping Condition Evaluation sample solution : ship with blue ice All other available size: ship with RT , or blue ice upon request.

Structure **Background**

Ac-LVK-CHO, the lysinal analog of leupeptin showed a stronger inhibition of cathepsin B ( $IC_{50} = 4 \text{ nM}$ ) than leupeptin ( $IC_{50} = 0.31 \mu\text{M}$ ).

**Caution: Product has not been fully validated for medical applications. For research use only.**

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