



CERTIFICATE OF ANALYSIS

PRODUCT: **Calpain Inhibitor II**
[Ac-LLM-CHO; Ac-Leu-Leu-Met-CHO]
C₁₉H₃₅N₃O₄S, M.W. 401.6,
CAS# [110115-07-6, 136632-32-1]

PRODUCT NUMBER: C-1259

LOT NUMBER: A9041A

APPEARANCE: White powder

ELEMENTAL ANALYSIS:	<u>SPECIFICATIONS:</u>	<u>RESULTS:</u>
	C: 56.83%	C: 56.5%

INHIBITOR CONSTANT: Confirms; K_i < 0.24 μM (Calpain II)

SOLUBILITY: 5 mg/ml soluble in 100% ethanol, methanol or DMSO.

PURITY: 99.0% (by HPLC)

ADDITIONAL INFORMATION: Inhibitor of calpain I, calpain II, cathepsin B and cathepsin L.

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STORAGE & HANDLING:

Keep cool and dry at -20°C.

PROTECT FROM LIGHT and MOISTURE!

Stock solutions are stable for up to 3 months when stored at -20 °C.

CAUTION: For research use only. Not for human or drug use. The pharmacological and toxicological properties of this product have not been fully investigated. Use caution when handling. Do not use this compound if you are not fully trained or are unaware of the hazards involved.

Verified: **KT**