



MANUFACTURED BY VDM BIOCHEMICALS.LLC
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CERTIFICATE OF ANALYSIS

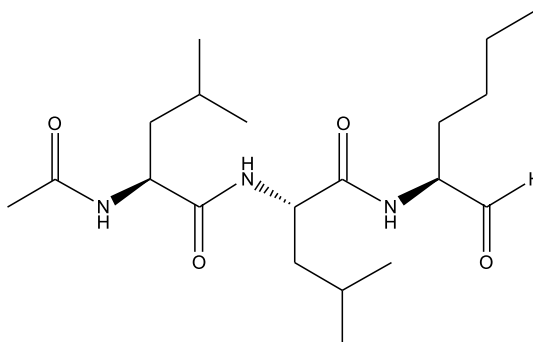
Product name: **Calpain Inhibitor I**

Cat. number: **VD-CRP-0219** CAS Number: **110044-82-1** Lot number: **VD-CP60043**

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Personal protective equipment

- Lab coat.
- Safety glasses.



Product Specification

Formula:	C ₂₀ H ₃₇ N ₃ O ₄
MW:	383.53
Purity:	>=98% by TLC.
Appearance:	White powder.
Solubility:	DMSO.
Storage:	-20°C. Protect from light.
Synonyms:	Ac-LLnL-CHO; MG-101; N-Acetyl-L-leucyl-L-leucyl-L-norleucinal
NMR:	Consistent with structure.

Product Description

Calpain inhibitor I reversibly blocks the calcium-dependent neutral cysteine protease calpain I. Calpains have been implicated in various cellular processes, including cell proliferation, apoptosis, and cell differentiation.

Quality controle department:

This material is chemically synthesized. **Made in USA**

TO BE USED FOR RESEARCH PURPOSES ONLY. NOT FOR DRUG OR CLINICAL USE IN HUMANS OR FOOD ADDITIVE USE