



MANUFACTURED BY VDM BIOCHEMICALS, INC.
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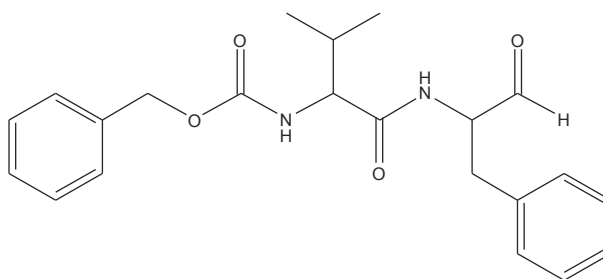
CERTIFICATE OF ANALYSIS

Product name: **MDL 28170**

Cat. number: **VD-PI-0175** CAS Number: **88191-84-8** Lot number: **VD3364543** www.vdmbio.com

Personal protective equipment

- Lab coat.
- Safety glasses.



Product Specification

Formula:	C ₂₂ H ₂₆ N ₂ O ₄
MW:	382.5
Purity:	>=95%.
Appearance:	White lyophilized solid.
Solubility:	DMSO.
Storage:	2-8°C.
Synonyms:	Calpain Inhibitor III; Z-Val-Phe-CHO
LC-MS:	Confirms the structure.

Product Description:

A potent, cell-permeable inhibitor of calpain I and II (K_i = 8 nM). Reduces capsaicin-mediated cell death in cultured dorsal root ganglion. Reported to block A23187-induced suppression of neurite outgrowth in isolated hippocampal pyramidal neurons. Exhibits neuroprotective effect in glutamate-induced toxicity.

Quality control 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