



MANUFACTURED BY VDM BIOCHEMICALS.LLC  
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[www.vdmbio.com](http://www.vdmbio.com)

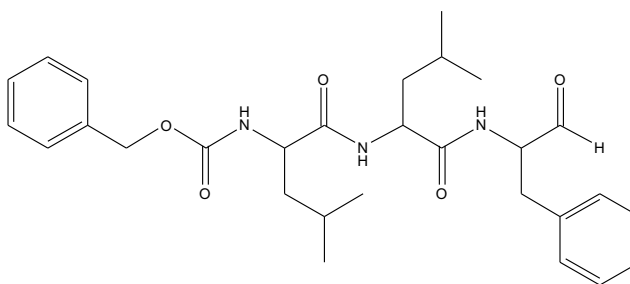
## CERTIFICATE OF ANALYSIS

Product name: **Z-LLF-CHO**

Cat. number: **VD-OEIA-0161** CAS Number: **Not available** Lot number: **VD0002231** [www.vdmbio.com](http://www.vdmbio.com)

### Personal protective equipment

- Lab coat.
- Safety glasses.



### Product Specification

<b>Formula:</b>	C <sub>29</sub> H <sub>39</sub> N <sub>3</sub> O <sub>5</sub>
<b>MW:</b>	509.7
<b>Purity:</b>	>=95%
<b>Appearance:</b>	White to off-white powder.
<b>Solubility:</b>	DMSO.
<b>Storage:</b>	-20°C. <b>Protect from light.</b>
<b>Synonyms:</b>	Z-Leu-Leu-Phe-CHO; Proteasome Inhibitor II
<b>NMR:</b>	<b>Consistent with structure.</b>

### Product Description

Potent and cell permeable proteasome inhibitor. Inhibits the chymotrypsin-like activity of the 26S proteasome (MCP; multicatalytic proteinase complex). Does not inhibit the peptidylglutamyl-peptide hydrolyzing activity of the MPC.

### 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