

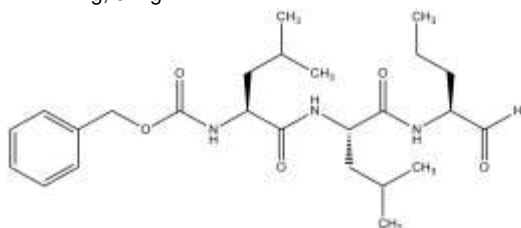
## MG-115

**ALTERNATE NAME:** Z-LL-NVa-CHO; Z-Leu-Leu-Nva-CHO

**CATALOG #:** 1831-1, 5

**AMOUNT:** 1 mg, 5 mg

**STRUCTURE:**



**MOLECULAR FORMULA:** C<sub>25</sub>H<sub>39</sub>N<sub>3</sub>O<sub>5</sub>

**MOLECULAR WEIGHT:** 461.59

**CAS#:** 133407-86-0

**APPEARANCE:** White to off-white solid

**SOLUBILITY:** DMSO

**PURITY:** ≥95% by HPLC

**STORAGE:** Store at -20 °C

**DESCRIPTION:** A potent, reversible proteasome inhibitor with K<sub>i</sub> of 21 nM for 20S proteasome and 35 nM for 26S proteasome. The inhibition of proteasome was through specific inhibition of chymotrypsin-like activity of the proteasome. Also shown to induce apoptosis in Rat-1 and PC12 cells via a p3-independent pathway.

**REFERENCE:** Furuta, S., *et al.* (2004). *Oncogene* **23**, 3898-3904.

**HANDLING:** Do not take internally. Wear gloves and mask when handling the product! Avoid contact by all modes of exposure.

### RELATED PRODUCTS:

- Clasto-Lactacystin β-Lactone (Cat. No. 1710-100)
- Lactacystin (Cat. No. 1709-200)
- MG-132 (Cat. No. 1703-5)
- EZSolution™ MG-132 (Cat. No. 1791-5)