

# MG-115

*Cat. No. CEI-0623*

*Lot. No. (See product label)*

## ***Introduction***

### ***Description***

A potent, reversible proteasome inhibitor with  $K_i$  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.

### ***Synonyms***

Z-LLNVa-CHO; Z-Leu-Leu-NVa-CHO

## ***Product Information***

***Appearance*** White solid

***CAS No.*** 133407-86-0

***Molecular Formula*** C<sub>25</sub>H<sub>39</sub>N<sub>3</sub>O<sub>5</sub>

***Molecular Weight*** 390.51

***Purity*** >95% by HPLC

***Targets*** protease

***Solubility*** DMSO (20 mg/ml) or Ethanol (25 mg/ml)

## ***Storage and Shipping Information***

***Storage*** -20 centigrade

***Shipping Conditions*** Gel pack