



## CERTIFICATE OF ANALYSIS

**PRODUCT:** **Proteasome Substrate II  
(Fluorogenic),**  
[Z-Leu-Leu-Glu-AMC; Z-LLE-AMC]  
C<sub>35</sub>H<sub>44</sub>N<sub>4</sub>O<sub>9</sub>, M.W. 664.8

**PRODUCT NUMBER:** P-1161

**LOT NUMBER:** A6154C

**APPEARANCE:** Lyophilized

**SOLUBILITY:** Soluble in 100% ethanol; dilute with basic buffer, pH 7-7.5; slightly soluble in DMSO.

**PURITY (HPLC):** 99.9 %

**PEPTIDE CONTENT:** 88%

<b>AMINO ACID ANALYSIS:</b>	<u>SPECIFICATIONS:</u>	<u>RESULTS:</u>
	Glx: 0.80-1.20	Glu: 1.00
	Leu: 1.80-2.20	Leu: 1.99

**IDENTITY:** Confirms (determined by MS).

**STORAGE & HANDLING:** Keep cool and dry at -20°C.

CAUTION: For laboratory research & scientific manufacturing use only. Not for human or drug use. The pharmacological and toxicological properties of this product have not been fully investigated. Use caution when handling. Do not use this compound if you are not fully trained or are unaware of the hazards involved.

Verified: **KT**