

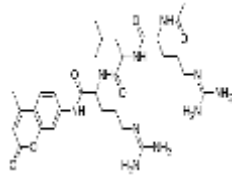
PRODUCT: Proteasome Substrate II, Fluorogenic

ALTERNATE NAMES: Ac-RLR-AMC; Acetyl-Arg-Leu-Arg-7-amido-4-methylcoumarin; Proteasome Substrate

CATALOG NUMBER: B2059-1,5

AMOUNT: 1 mg, 5 mg

STRUCTURE:



PEPTIDE SEQUENCE: Ac-Arg-Leu-Arg-AMC.TFA

MOLECULAR FORMULA: C₃₀H₄₆N₁₀O₆ · C₂HF₃O₂

MOLECULAR WEIGHT: 756.8

CAS NUMBER: 929903-87-7 (free base)

APPEARANCE: Lyophilized solid

SOLUBILITY: DMSO

PURITY: ≥97% by HPLC

STORAGE: Store at -20 °C. Protect from air and light

DESCRIPTION: Proteasome Substrate II is a sensitive fluorogenic substrate for measuring the trypsin-like peptidase activity of the 20S proteasome. It is cleaved exclusively at the amide R-AMC bond to release fluorescent product. Excitation: 380 nm. Emission: 460 nm

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)
Proteasome Substrate, Fluorogenic (Cat. No. 1832-1,5)
Proteasome Substrate II, Fluorogenic (Cat. No. B2059-1,5)
Proteasome Substrate III, Fluorogenic (Cat. No. B2060-1,5)
Suc-Leu-Leu-Val-Tyr-AMC (Cat. No. 1833-5,25)

USAGE: **FOR RESEARCH USE ONLY! Not to be used in humans**