

## Fluorogenic Proteasome Substrate Substrate

Cat. No. CSUB-0807

Lot. No. (See product label)

### Introduction

**Description** Fluorogenic Proteasome Substrate (Z-VKM-AMC) is used to measure the peptidase activity of the 20S proteasome. Also used as a fluorogenic substrate for Alzheimer's Disease amyloid A4-generating enzymes. AMC has an excitation maximum of 340-360nm and an emission maximum of 440-460nm.

**Applications** A fluorogenic substrate for measuring the peptidase activity of the 20S proteasome

**Synonyms** Cbz-Val-Lys-Met-Aminomethylcoumarin; Proteasome Substrate IV (fluorogenic); Z-VKM-AMC

### Product Information

**Form** Solid

**CAS No.** 141223-71-4

**Molecular Formula** C<sub>34</sub>H<sub>45</sub>N<sub>5</sub>O<sub>7</sub>S

**Molecular Weight** 667.8

**Purity** >98% (HPLC)

**Solubility** Soluble in DMSO.

### Storage and Shipping Information

**Storage** Store at -20° C