

## Elastase Substrate V, Fluorogenic

Cat. No. CSUB-0500

Lot. No. (See product label)

### Introduction

**Synonyms** MeOSuc-AAPV-AMC

### Product Information

**Form** White lyophilized solid

**CAS No.** 72252-90-5

**Purity** >95% by HPLC

**Toxicity** Standard Handling

**Substrates** Protease

**Excitation max.** ~360–380 nm

**Emission max.** ~430–460 nm

**Primary target** Sensitive fluorogenic substrate for the quantitative determination of human leukocyte and porcine pancreatic elastase

**Primary target IC50**  $K_m = 140 \mu\text{M}$ ;  $k_{cat}/K_m = 120,000 \text{ M}^{-1} \text{ s}^{-1}$  as substrates for human leukocyte and porcine pancreatic elastase

### Storage and Shipping Information

**Storage** -20C

**Shipping Conditions** ambient