

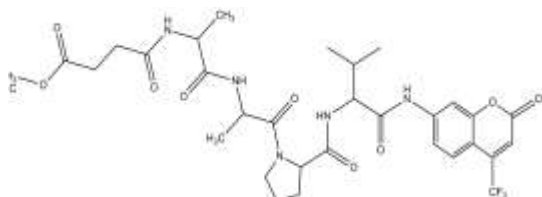
Elastase Substrate, Fluorogenic

ALTERNATE NAME: MeOSuc - Ala - Ala - Pro - Val - AFC; MeOSuc-AAPV-AFC

CATALOG #: 1975- 5

AMOUNT: 5 mg

STRUCTURE:



MOLECULAR FORMULA: C₃₁H₃₈N₅O₉F₃

MOLECULAR WEIGHT: 681.67

APPEARANCE: Lyophilized solid

SOLUBILITY: DMSO

PURITY: ≥99% by HPLC

STORAGE: Store at -20 °C

DESCRIPTION: A useful fluorogenic substrate for neutrophil elastase. Cleavage of this peptide by the enzyme generates a strongly fluorescent AFC that is monitored fluorometrically. λ_{ex} : 380 nm; λ_{em} : 500 nm.

HANDLING: Do not take internally. Wear gloves and mask when handling the product! Avoid contact by all modes of exposure.

FOR RESEARCH USE ONLY! Not to be used on humans.

RELATED PRODUCTS:

- Elastase Inhibitor (**Cat. No. 1922-5**)
- Elastase Inhibitor, SPCK (**Cat. No. 1921-5**)
- Elastase, Human Neutrophil (**Cat. No. 4716-100**)
- Neutrophil Elastase Inhibitor Screening Kit (**Cat. No. K782-100**)