

Enteropeptidase Fluorogenic Substrate (trifluoroacetate salt) Biochemical

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CATALOG #
AAA227252

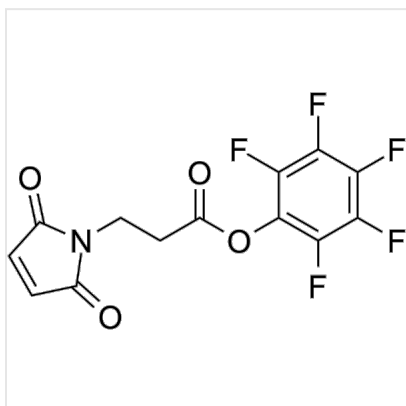
PRODUCT SYNONYMS

Enteropeptidase Fluorogenic Substrate (trifluoroacetate salt); Enteropeptidase Fluorogenic Substrate (trifluoroacetate salt) biochemical

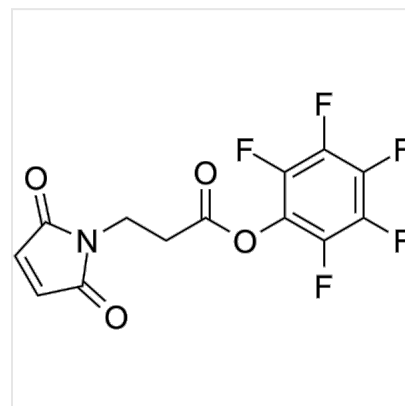
PRODUCT SPECIFICATIONS

Purity/Purification	98%
Solubility	DMF: 30 mg/mL
	Ethanol: 10 mg/mL
	DMSO: 30 mg/mL
	PBS (pH 7.2): 2.5 mg/mL <1mg/ml refers to the product slightly soluble or insoluble
Preparation and Storage	Powder: -20 degree C for 3 years In solvent: -80 degree C for 2 years

IMAGES



Structure
Mal-PFP ester, CAS 138194-55-5



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ADDITIONAL INFORMATION

Related Product Information for Enteropeptidase Fluorogenic Substrate (trifluoroacetate salt) biochemical	Enteropeptidase fluorogenic substrate is a substrate for enteropeptidase that contains a 7-amino-4-trifluoromethylcoumarin (AFC) moiety. Enteropeptidase is a serine protease expressed in the proximal small intestine of higher animals that converts inactive trypsinogen to active trypsin by endoproteolytic cleavage. ^{1,2} Enteropeptidase recognizes the highly specific amino acid sequence DDDDK on the fluorogenic substrate and cleaves after the lysine residue, releasing the AFC moiety. Enteropeptidase activity is quantified by fluorescent detection of AFC, which displays excitation/emission spectra of 380/500 nm. ³
References	1. An S, et al. Small-molecule PROTACs: An emerging and promising approach for the development of targeted therapy drugs. EBioMedicine. 2018 Oct;36:553-562

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://www.aaabiotech.com/biochemical/enteropeptidase-fluorogenic-substrate-trifluoroacetate-salt/227252>