

MCA-YVADAPK(Dnp)-OH

ALTERNATE NAME:	Mca-Tyr-Val-Ala-Asp-Ala-Pro-Lys(Dnp)-OH. Caspase-1 substrate ACE2 substrate
CATALOG #:	B2717-1 1 mg B2717-5 5 mg
MOLECULAR FORMULA:	C ₅₃ H ₆₄ N ₁₀ O ₁₉
MOLECULAR WEIGHT:	1145.1
CAS NUMBER:	N/A
APPEARANCE:	White to yellow solid
PURITY:	≥95% by HPLC
SOLUBILITY:	>5 mg/ml DMSO
DESCRIPTION:	MCA-YVADAP-K(Dnp)-OH is a fluorogenic substrate for caspase-1 and angiotensin-converting enzyme 2 (ACE2). Upon cleavage by caspase-1 or ACE2, 7-methoxycoumarin-4-acetyl (MCA) is released and its fluorescence can be used to estimate enzyme activity. MCA displays excitation/emission maxima of 328/420 nm, respectively.
STORAGE TEMPERATURE:	-20°C. Protect from light
HANDLING:	Do not take internally. Wear gloves and mask when handling the product! Avoid contact by all modes of exposure.
RELATED PRODUCTS:	ACE2 Inhibitor, DX600 (9687) Angiotensin II Converting Enzyme (ACE2) Inhibitor Screening Kit (K310) ACE2 (Human) ELISA Kit (E4528) Angiotensin II Converting Enzyme (ACE2) Activity Assay Kit (Fluorometric) (K897)
DISCLAIMER:	<i>FOR RESEARCH USE ONLY! Not to be used on humans.</i>