



CERTIFICATE OF ANALYSIS

PRODUCT: **Caspase-2, Substrate (Fluorogenic)**
[Ac-VDVAD-AMC; Ac-Val-Asp-Val-Ala-Asp-AMC]
C₃₃H₄₄N₆O₁₂, M.W. 716.8

PRODUCT NUMBER: C-1113

LOT NUMBER: A7393

APPEARANCE: White powder

AMINO ACID ANALYSIS:	<u>Calculated</u>	<u>Actual</u>
	Ala: 0.80-1.20	Ala: 1.00
	Asp: 1.80-2.20	Asp: 1.98
	Val: 1.80-2.20	Val: 2.01

PEPTIDE CONTENT: 81%

ES-MS: Identical to standard reference

PURITY (HPLC): 99.7%

SOLUBILITY: Soluble in DMSO or basic pH buffer solutions (pH about 7-7.5), e.g. TRIS, HEPES.

STORAGE & HANDLING: Keep cool and dry at -20°C.

CAUTION: For research use only. Not for human or drug use. The pharmacological and toxicological properties of this product have not been fully investigated. Use caution when handling. Do not use this compound if you are not fully trained or are unaware of the hazards involved.

Verified: 