



## CERTIFICATE of ANALYSIS

**PRODUCT:** **Caspase-1 Inhibitor (Aldehyde)**  
[Ac-YVAD-CHO; Ac-Tyr-Val-Ala-Asp-CHO],  
C<sub>23</sub>H<sub>32</sub>N<sub>4</sub>O<sub>8</sub>, M.W. 492.5

**PRODUCT NUMBER:** C-1047

**LOT NUMBER:** A5903A

**APPEARANCE:** White lyophilized powder

**PURITY (HPLC):** 98.3%

**SOLUBILITY:** Soluble in DMSO

	<u>SPECIFICATIONS:</u>	<u>RESULTS:</u>
<b>AMINO ACID ANALYSIS:</b>	Ala: 0.80-1.20 Tyr: 0.80-1.20 Val: 0.80-1.20	Ala: 1.00 Tyr: 1.00 Val: 0.97

<b>PEPTIDE CONTENT:</b>	70-90%	84%
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<b>ES-MS:</b>	Identical to standard reference	Confirms
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<b>COUNTER ION:</b>	TFA Salt	Confirms
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**DESCRIPTION:** Potent and reversible inhibitor of caspase-1. Also inhibits caspase-4. Strongly inhibits anti-Fas induced apoptosis in L929-Fas cells.

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**STORAGE & HANDLING:** Keep cool and dry at -20°C. Keep under inert gas. Stock solutions can be stored at -20°C if kept from light & moisture. Reconstitution: Add 0.2ml DMSO per 1.0mg peptide. Shake well until all the contents are dissolved. This furnishes a 10mM solution of this material.

CAUTION: For laboratory research & scientific manufacturing 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: DD