



CERTIFICATE OF ANALYSIS

PRODUCT:	Caspase-1 Inhibitor (Fluoromethylketone) [Z-YVAD (OMe)-FMK; Z-Tyr-Val-Ala-Asp (OMe)-FMK] C ₃₁ H ₃₉ FN ₄ O ₉ , M.W. 630.7
PRODUCT NUMBER:	C-1235
LOT NUMBER:	A9023
APPEARANCE:	White powder
SOLUBILITY:	Soluble in DMSO.
PURITY:	Single spot, Rf: 0.6
IDENTITY (MS):	Identical to standard reference.
APPLICATION:	Prepare a 10mM stock solution of the caspase inhibitor in high quality DMSO. Add 2µl of this stock solution to 1ml of culture medium containing cells to give 20µM final concentration. Effective final concentrations are estimated to be 5-20µM. If a particular caspase inhibitor is applied at higher concentrations specificity for an individual caspase or even the caspase family (> 100µM) might be compromised. DMSO concentration above 0.2% may cause cellular toxicity thus masking the effect of the caspase inhibitor. For in vivo experiments extending for 12-48 hours,

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fresh inhibitor may have to be added (injected) due to inactivation by reaction with cysteine protease.

STORAGE & HANDLING:

Keep cool and dry at -20°C. Packaged under nitrogen!
Stock solutions should be stored in aliquots 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:

A handwritten signature in black ink, appearing to be 'JK'.

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