

CERTIFICATE OF ANALYSIS

PRODUCT: **Caspase-9/Mch6 Inhibitor**
[Z-LEHD-FMK; Caspase-9 (fluoromethylketone)];
C₃₂H₄₃FN₆O₁₀, M.W. 690.70

PRODUCT NUMBER: C-2256

LOT NUMBER: D1025

FORMULATION: Liquid. 20µL (10mM) Z-LEHD_FMK in DMSO

SEQUENCE: Z-Leu-Glu(OMe)-His-Asp(OMe)-FMK (FMK, fluoromethyl ketone).

PURITY (HPLC): > 98%

PRODUCT INFORMATION: A synthetic peptide that irreversibly inhibits caspase-9 and related caspase activity. The inhibitor is designed as a methyl ester to facilitate cell permeability. (**CAUTION:** If the intended use is on purified or recombinant enzymes, esterase should be added to generate free carboxyl groups).

RECOMMENDED USE: Centrifuge the vial prior to opening. We recommend using 1000-5000X dilutions for inhibiting caspase-9 activity in cell culture (e.g., Add 1µL to 1-5 mL of culture medium). The optimal doses may vary for different cells and culture conditions.

STORAGE & HANDLING: Store at -20°C. **PROTECT FROM LIGHT & MOISTURE!**

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:

