

## CERTIFICATE OF ANALYSIS

**PRODUCT:** **Caspase-8 Inhibitor Z-IETD-FMK**  
Z-Ile-Glu(OMe)-Thr-Asp(OMe)-FMK  
 $C_{30}H_{43}FN_4O_{11}$ , M.W. 654.7

**PRODUCT NUMBER:** C-2253

**LOT NUMBER:** H1420

**APPEARANCE:** Liquid

**PURITY (HPLC):** >99%

**DESCRIPTION:** A synthetic peptide that irreversibly inhibits FLICE and related protease/caspase activity and blocks apoptosis. IETD is the specific recognition sequence found in CPP32 proenzyme. 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.)

**STORAGE & HANDLING:** Store desiccated 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: SK