**PRODUCT:** Calpain Inhibitor, Z-LLY-FMK

**ALTERNATE NAME:** Z-Leu-Leu-Leu-FMK; Z-Leu-Leu-Tyr-Fluoromethylketone; benzyl N-[1-[[4-fluoro-1-(4-hydroxyphenyl)-3-oxobutan-2-yl]amino]-4-methyl-1-oxopentan-2-yl]amino]-4-methyl-1-oxopentan-2-yl]carbamate

**CATALOG #:** B1506-250, 1000

**AMOUNT:** 250 μg, 1 mg

**STRUCTURE:**

![Chemical Structure Image]

**MOLECULAR FORMULA:** C_{30}H_{40}FN_{3}O_{6}

**MOLECULAR WEIGHT:** 557.65

**CAS NUMBER:** 133410-84-1

**APPEARANCE:** Lyophilized solid

**SOLUBILITY:** DMSO

**PURITY:** Single spot by TLC

**STORAGE:** Store at -20°C. Protect from air and light.

**DESCRIPTION:** Z-LLY-FMK is a potent, cell-permeable, and irreversible inhibitor of calpain II. Also acts as an inhibitor of cathepsin L.


**HANDLING:** Do not take internally. Wear gloves and mask when handling the product! Avoid contact by all modes of exposure.

**RELATED PRODUCTS:**
- Calpain Inhibitor, Z-LLY-FMK (Cat. No. 1506-250, 1000)
- EzSolution™ Calpain Inhibitor, Z-LLY-FMK (Cat. No. 1125-20C)
- Q-VD-OPh (Cat. No. 1170-1, 5)
- EzSolution™ Q-VD-OPh (Cat. No. 1173-1)
- Q-VD-OPh, Negative Control (Cat. No. 1171-1, 5)
- EzSolution™ Q-VD-OPh, Negative Control (Cat. No. 1174-1)
- Z-VAD (OMe)-FMK (Cat. No. 1140-1, 5)
- Boc-D (OMe)-FMK (Cat. No. 1160-1, 5)
- Q-D (OMe)E(OMe)VD(OMe)-OPh (Cat. No. 1175-1, 3, 5)
- Q-LE (OMe)HD(OMe)-OPh (Cat. No. 1177-1, 3, 5)

**USAGE:** FOR RESEARCH CH USE ONLY! Not to be used in humans