

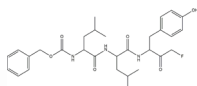
PRODUCT: Calpain Inhibitor, Z-LLY-FMK

ALTERNATE NAME: Z-Leu-Leu-Tyr-FMK; Z-Leu-Leu-Tyr-Fluoromethylketone; benzyl N-[1-[[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:



MOLECULAR FORMULA: C₃₀H₄₀FN₃O₆

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. Calpain inhibitors may interfere with proteolytic processing of coronavirus S protein thereby preventing virus entry.

REFERENCES: Angliker, H., *et al.* (1992). *J. Med. Chem.* **35**, 216-220.

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**