

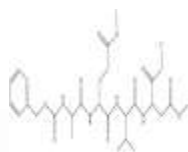
PRODUCT: Z-AEVD-FMK

ALTERNATE NAME: Z-A-E(OMe)-V-Asp(OMe)-FMK; Z-Ala-Glu(OMe)-Val-Asp(OMe)-FMK; Z-Ala-Glu(OMe)-Val-Asp(OMe)-Fluoromethylketone; FK033

CATALOG #: B1162-1, 5

AMOUNT: 1 mg, 5 mg

STRUCTURE:



MOLECULAR FORMULA: C₂₈H₃₉FN₄O₁₀

MOLECULAR WEIGHT: 610.63

CAS NUMBER: 1135688-47-9

APPEARANCE: Lyophilized solid

SOLUBILITY: DMSO (~10 mg/ml)

PURITY: ≥95% by HPLC

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

DESCRIPTION: Z-AEVD-FMK is a synthetic peptide inhibitor that inhibits caspase-10 and related caspase activity. FMK inhibitors are irreversible and non-toxic, and can be used in both in vivo and in vitro studies. 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).

REFERENCES: Park, S.J., *et al.* (2004). *J. Biol. Chem.* **279**, 51057-51067.

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

RELATED PRODUCTS:

Q-DEVD-OPh (Cat. No. 1175-1,3,5)

Apoptosis inhibitor (Cat. No. 2783-5, 25)

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-DE(OMe)VD(OMe)-OPh (Cat. No. 1175-1,3,5)

Q-IE(OMe)TD(OMe)-OPh (Cat. No. 1176-1,3,5)

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