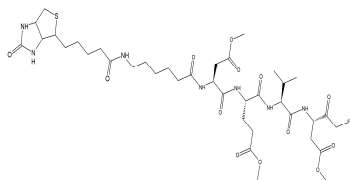


Biotin-X-DEVD-FMK

CATALOG #:	1124-20C
STORAGE CONDITIONS:	Store at -20° C.
SHELF LIFE:	6 months under proper storage conditions
MOLECULAR FIRMULA:	C ₃₈ H ₆₀ N ₇ O ₁₃ S
MOLECULAR WEIGHT:	873.99



PURITY:	Single spot by TLC
PACKAGE CONTENTS:	20 µl (10 mM) Biotin-DEVD-FMK in DMSO

DESCRIPTION:

A synthetic peptide that irreversibly inhibits activity of caspase-3 and related caspases and blocks apoptosis. The inhibitor is designed as a methyl ester to enhance cell permeability. The conjugation with biotin allows detection of activated caspases in conjunction with avidin-tags. (**CAUTION:** If the intended use is on purified or recombinant enzymes, esterase should be added to generate free carboxyl groups).

RECOMMENDED USAGE:

We recommend using 1000X dilutions for inhibiting or binding to activated caspases (e.g., Add 1 µl to 1 ml of culture medium). However, the optimal doses should be determined individually.

REFERENCES:

1. Slee, E.A., *et al.* (1996) *Biochem. J.* **315**:21-24.
2. Armstrong, *et al.* (1996) *J. Biol. Chem.* **271**:16850-16857.

RELATED PRODUCTS:

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**)
Q-LE(OMe)HD(OMe)-Oph (Cat. No. 1177-1, 3,5)

FOR RESEARCH USE ONLY! Not to be used in humans.