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Caspase 8 Substrate 1f, fluorogenic
Ac - IETD - AFC

Product Code: 3041-0500

Price: $159.00

Short Description
Ac-IETD-AFC

Description

Overview	
Description	AFC (7-amino-4-trifluoromethylcoumarin)-derived caspase substrates are widely used for the fluorimetric detection of various caspase activities. Cleavage of AFC peptides by caspases generate strongly fluorescent AFC that is monitored fluorimetrically at 500-510 nm with excitation of 370-390 nm.Caspase-8 substrate
Sequence	Ac-IETD-AFC
Sequence (3 Letter)	Ac - Ile - Glu - Thr - Asp - AFC
Molecular Weight	729.6
Properties	
Purity	% Peak Area By HPLC ? 95%
Storage	-20 °C desiccated and protected from light

References
Gurtu V, et al. (1997). Fluorometric and colorimetric detection of caspase activity associated with apoptosis. Anal Biochem 251, 98-102; Martins LM, et al. (1997). Activation of multiple interleukin-1beta converting enzyme homologues in cytosol and nuclei of HL-60 cells during etoposide-induced apoptosis. J Biol Chem 272, 7421-30; Deveraux QL, et al. (1997). X-linked IAP is a direct inhibitor of cell-

death proteases. Nature 388, 300-4; Xiang J, et al. (1996). BAX-induced cell death may not require interleukin 1 ?-converting enzyme-like proteases. Proc Natl Acad Sci USA 93, 14559-63.