

Ac-DEVD-AFC

Cat. No. DYE-120 **Lot. No.** (See product label)

SPECIFICATION

Product Overview

Description During apoptosis, activated caspase-3 cleaves several substrates, including poly (AD P-ribose) polymerase, which it specifically targets at the amino sequence DEVD. Ac-DEVD-AFC is a fluorogenic substrate for activated caspase-3 ($K_m = 9.7 \mu M$), as well as related caspases. Caspase activity can be quantified by fluorescent detection of free AFC (also known as 7-amino-4-trifluoromethylcoumarin), which is excited at 400 nm and emits at 505 nm.

Molecular Mass 729.61

Ex(nm) 351

Em(nm) 430

Solvent DMSO

Storage Store at -20°C in the dark. Dessicated.

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