

(Z-IETD)2-R110

Cat. No. DYE-135 **Lot. No.** (See product label)

SPECIFICATION

Product Overview

Description

Since highly purified rhodamine 110 (R110)-derived substrates are locked in the lactone configuration they are colorless and non-fluorescent. Cleavage of R110 peptides by caspases generates strongly fluorescent R110 that can be monitored fluorimetrically at 510-530 nm with excitation of 488 nm, the most common excitation light source used in fluorescence instruments. R110-derived caspase substrates are probably the most sensitive indicators widely used for the fluorimetric detection of various caspase activities. This R110 substrate is specific for caspase 8. Our R110-based substrates are highly purified to eliminate the trace amount of free R110 that is not detectable by HPLC, but causes significant assay background.

Molecular Mass 1515.53

Ex(nm) 498

Em(nm) 520

Solvent DMSO

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

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