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Produktinformation



Forschungsprodukte & Biochemikalien



Zellkultur & Verbrauchsmaterial



Diagnostik & molekulare Diagnostik



Laborgeräte & Service

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Lieferung & Zahlungsart

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Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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Z-IETD-R110

Cat. No.:	HY-P10322
Molecular Formula:	C ₇₄ H ₈₆ N ₁₀ O ₂₅
Molecular Weight:	1515.53
Sequence:	(Z-Ile-Glu-Thr-Asp) ₂ -Rhodamine 110
Sequence Shortening:	(Z-IETD) ₂ -Rhodamine 110
Target:	Fluorescent Dye
Pathway:	Others
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.

BIOLOGICAL ACTIVITY

Description

Z-IETD-R110 is a fluorescent substrate of caspases. Z-IETD-R110 acts as a substrate for caspase-8. When caspase-8 is activated, it can recognize and cut Z-IETD-R110, releasing fluorophore, which can be detected by fluorescence microscopy. Z-IETD-R110 can be used to study oxidative stress-induced apoptosis, particularly in pancreatic acinar cells^[1].

REFERENCES

[1]. Baumgartner H K, et al. Caspase-8-mediated apoptosis induced by oxidative stress is independent of the intrinsic pathway and dependent on cathepsins[J]. American Journal of Physiology-Gastrointestinal and Liver Physiology, 2007, 293(1): G296-G307.

Caution: Product has not been fully validated for medical applications. For research use only.

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