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Produktinformation



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Lieferung & Zahlungsart

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Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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(Z-Ala-Ala-Ala-Ala)2Rh110

Cat. No.:	HY-P3106
CAS No.:	149695-85-2
Molecular Formula:	C ₆₀ H ₆₆ N ₁₀ O ₁₅
Molecular Weight:	1167.22
Target:	Fluorescent Dye
Pathway:	Others
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.

BIOLOGICAL ACTIVITY

Description

(Z-Ala-Ala-Ala-Ala)2Rh110 is a sensitive fluorogenic elastase substrate. The colorless and nonfluorescent (Z-Ala-Ala-Ala-Ala)2Rh110 is selectively cleaved by elastase to yield the highly fluorescent compound rhodamine 110, which can be analyzed with an excitation wavelength of 485 nm and emission wavelength of 525 nm.

REFERENCES

[1]. Johnson, et al. Nonisotopic DNA detection system employing elastase and a fluorogenic rhodamine substrate. *Anal. Chem.* 65(17), 2352-2359 (1993).

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

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