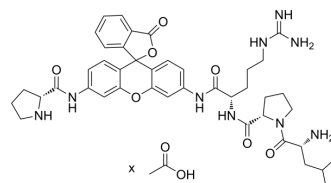


D-Leu-Pro-Arg-Rh110-D-Pro acetate

Cat. No.:	HY-P6023B
Molecular Formula:	$C_{42}H_{51}N_9O_7 \cdot xC_2H_4O_2$
Sequence:	{d-Leu}-Pro-Arg-{Rh110}-{d-Pro}
Sequence Shortening:	{d-Leu}-PR-{Rh110}-{d-Pro}
Target:	Factor Xa
Pathway:	Metabolic Enzyme/Protease
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description

D-Leu-Pro-Arg-Rh110-D-Pro acetate is a substrate for Factor Xa I (FXIa) with binding affinity. D-Leu-Pro-Arg-Rh110-D-Pro acetate consists of Rhodamine 110 (HY-D0817) linked to a peptide chain through a cleavable bond. Cleavable bond cleavage enhances fluorophore intensity. D-Leu-Pro-Arg-Rh110-D-Pro acetate can be used to detect FXIa activity^[1].

REFERENCES

[1]. Lorthiois E, et al. Structure-Based Design and Preclinical Characterization of Selective and Orally Bioavailable Factor XIa Inhibitors: Demonstrating the Power of an Integrated S1 Protease Family Approach. *J Med Chem.* 2020 Aug 13;63(15):8088-8113.

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

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