

## Renin FRET Substrate I

Cat. No.:	HY-P2492
CAS No.:	142988-22-5
Molecular Formula:	C <sub>96</sub> H <sub>126</sub> N <sub>22</sub> O <sub>16</sub> S
Molecular Weight:	1798.2
Sequence:	DABCYL-γ-(Abu)-Ile-His-Pro-Phe-His-Leu-Val-Ile-His-Thr-Glu-Asp-Ala-Asn-Ser
Sequence Shortening:	DABCYL-γ-(Abu)-IHPFHLVIHT-EDANS
Target:	Others
Pathway:	Others
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.

### BIOLOGICAL ACTIVITY

Description	Renin FRET Substrate I is a substrate of human renin. Renin FRET Substrate I is designed to incorporate the renin cleavage site that occurs in the N-terminal peptide of human angiotensinogen <sup>[1]</sup> .
In Vitro	Cleavage of Renin FRET Substrate I occurs specifically at the Leu-Val bond and corresponds to the renin cleavage site of angiotensinogen <sup>[1]</sup> . MCE has not independently confirmed the accuracy of these methods. They are for reference only.

### REFERENCES

[1]. G T Wang, et al. A continuous fluorescence assay of renin activity. Anal Biochem. 1993 May 1;210(2):351-9.

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

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