

Arg-Glu(edans)-Ile-His-Pro-Phe-His-Pro-Phe-His-Leu-Val-Ile-His-Thr-Lys(dabcyI)-Arg

Cat. No.:	HY-P5123
Molecular Formula:	C ₁₂₉ H ₁₇₉ N ₃₇ O ₂₄ S
Molecular Weight:	2664.1
Sequence:	Arg-{Glu-edans}-Ile-His-Pro-Phe-His-Pro-Phe-His-Leu-Val-Ile-His-Thr-{Lys-dabcyI}-Arg
Sequence Shortening:	R-{Glu-edans}-IHPFHPFHLVIHT-{Lys-dabcyI}-R
Target:	Others
Pathway:	Others
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.

BIOLOGICAL ACTIVITY

Description

Arg-Glu(edans)-Ile-His-Pro-Phe-His-Pro-Phe-His-Leu-Val-Ile-His-Thr-Lys(dabcyI)-Ar is a fluorogenic renin substrate based on the N-terminal tetradecapeptide sequence of human angiotensinogen (hTDP)^[1].

REFERENCES

[1]. Katherine Paschalidou, et al. Highly sensitive intramolecularly quenched fluorogenic substrates for renin based on the combination of L-2-amino-3-(7-methoxy-4-coumaryl)propionic acid with 2,4-dinitrophenyl groups at various positions. *Biochem J.* 2004 Sep 15;382(Pt 3):1031-8.

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

Tel: 609-228-6898

Fax: 609-228-5909

E-mail: tech@MedChemExpress.com

Address: 1 Deer Park Dr, Suite Q, Monmouth Junction, NJ 08852, USA