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Lieferung & Zahlungsart

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Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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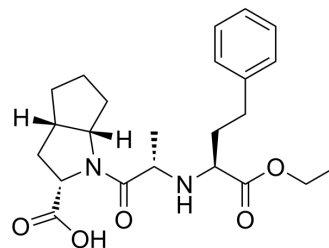
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Ramipril (Standard)

Cat. No.:	HY-B0279R
CAS No.:	87333-19-5
Molecular Formula:	C ₂₃ H ₃₂ N ₂ O ₅
Molecular Weight:	416.51
Target:	Apoptosis; Angiotensin-converting Enzyme (ACE)
Pathway:	Apoptosis; Metabolic Enzyme/Protease
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description	Ramipril (Standard) is the analytical standard of Ramipril. This product is intended for research and analytical applications. Ramipril (HOE-498) is an angiotensin-converting enzyme (ACE) inhibitor with IC ₅₀ of 5 nM.
IC ₅₀ & Target	ACE ^[1] .

REFERENCES

- [1]. Raasch, W., et al., Combined blockade of AT1-receptors and ACE synergistically potentiates antihypertensive effects in SHR. *J Hypertens*, 2004. 22(3): p. 611-8.
- [2]. Stevens, B.R., M.I. Phillips, and A. Fernandez, Ramipril inhibition of rabbit (*Oryctolagus cuniculus*) small intestinal brush border membrane angiotensin converting enzyme. *Comp Biochem Physiol C*, 1988. 91(2): p. 493-7.
- [3]. Kohlstedt, K., et al., Angiotensin-converting enzyme is involved in outside-in signaling in endothelial cells. *Circ Res*, 2004. 94(1): p. 60-7.
- [4]. Ceconi, C., et al., Differences in the effect of angiotensin-converting enzyme inhibitors on the rate of endothelial cell apoptosis: in vitro and in vivo studies. *Cardiovasc Drugs Ther*, 2007. 21(6): p. 423-9.

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

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