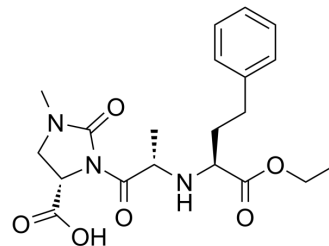


Imidapril

Cat. No.:	HY-B1451A
CAS No.:	89371-37-9
Molecular Formula:	C ₂₀ H ₂₇ N ₃ O ₆
Molecular Weight:	405.44
Target:	Angiotensin-converting Enzyme (ACE); MMP
Pathway:	Metabolic Enzyme/Protease
Storage:	-20°C, protect from light * In solvent : -80°C, 6 months; -20°C, 1 month (protect from light)



BIOLOGICAL ACTIVITY

Description	Imidapril (TA-6366 free base) is an orally active angiotensin-converting enzyme (ACE) and MMP-9 inhibitor. Imidapril suppresses the conversion of angiotensin I to angiotensin II and thereby reduces total peripheral resistance and systemic blood pressure. Imidapril can be used for hypertension, type 1 diabetic, nephropathy and chronic heart failure research ^{[1][2]} .
IC ₅₀ & Target	MMP-9

REFERENCES

- [1]. Robinson DM, et al. Imidapril: a review of its use in essential hypertension, Type 1 diabetic nephropathy and chronic heart failure. *Drugs*. 2007;67(9):1359-78.
- [2]. Yamamoto D, et al. Molecular mechanism of imidapril for cardiovascular protection via inhibition of MMP-9. *J Mol Cell Cardiol*. 2007 Dec;43(6):670-6.

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

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