Quinaprilat hydrate

Cat. No.:	HY-127026A		Scre
CAS No.:	1435786-09-6		enin
Molecular Formula:	$C_{23}H_{28}N_2O_6$	ОСН	g Lib
Molecular Weight:	428.48		brari
Target:	Angiotensin-converting Enzyme (ACE)		es
Pathway:	Metabolic Enzyme/Protease		•
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.	H ₂ O	Proteins

alone had no effect. Decreased plasma concentration of quinaprilat on the fifth day. Animal Model: Dosage: Administration:	BIOLOGICA		
increases uptake of quinaprilat to 25-fold in HEK293 cells and hOAT3 affinity Km for quinaprilat is 13.4 µM ^[1] . Quinaprilat hydrate (100 nM, 20 min) can inhibit the activity of protein kinase C (PKC) by activing the B1 receptor resulting in the release of NO in 1 lung microvascular endothelial (HLMVE) cells ^[2] . MCE has not independently confirmed the accuracy of these methods. They are for reference only. In Vivo Quinaprilat hydrate (oral gavage, 3 mg/kg, every day, 6 days) has some anti-hypertensive effect by combining with other drugs in male spontaneou hypertensive rats (SHRs) ^[1] . MCE has not independently confirmed the accuracy of these methods. They are for reference only. Animal Model: Male spontaneous hypertensive rats (SHRs) (230-250 g) ^[1] . Dosage: 3 mg/kg Administration: Oral gavage; every day; 6 days Result: Caused a significant drop in blood pressure from day 1 to day 5 by combining quinapril and gemcabene while alone had no effect. Decreased plasma concentration of quinaprilat on the fifth day. Animal Model: Dosage: Animal Model: Animal Nodel: Dosage: Animal Model: Animal Model: Animal Nodel: Dosage: Animal Model:	Description	blocks the conversion of	angiotensin I to the vasoconstrictor angiotensin II and inhibits the degradation of bradykinin. Quinaprilat hydrate acts as a
hypertensive rats (SHRs) ^[1] . MCE has not independently confirmed the accuracy of these methods. They are for reference only. Animal Model: Male spontaneous hypertensive rats (SHRs) (230-250 g) ^[1] Dosage: 3 mg/kg Administration: Oral gavage; every day; 6 days Result: Caused a significant drop in blood pressure from day 1 to day 5 by combining quinapril and gemcabene while alone had no effect. Decreased plasma concentration of quinaprilat on the fifth day. Animal Model: Dosage: Administration: Animal Model: Animal Model: Animal Model: Dosage: Administration of quinaprilat on the fifth day.	In Vitro	increases uptake of quina Quinaprilat hydrate (100 lung microvascular endot	aprilat to 25-fold in HEK293 cells and hOAT3 affinity K _m for quinaprilat is 13.4 μM ^[1] . nM, 20 min) can inhibit the activity of protein kinase C (PKC) by activing the B1 receptor resulting in the release of NO in hu thelial (HLMVE) cells ^[2] .
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Dosage: Administration:		Result:	Caused a significant drop in blood pressure from day 1 to day 5 by combining quinapril and gemcabene while e alone had no effect. Decreased plasma concentration of quinaprilat on the fifth day.
Administration:		Animal Model:	
		Dosage:	
		Administration:	
Result: Result: The pharmacokinetic parameters of quinaprilat		Result:	Result: The pharmacokinetic parameters of quinaprilat

Product Data Sheet

Inhibitors •

	arameter	
AL	JC(0-24 h)	
A	e(0-24 h)	
rena	al clearance	

REFERENCES

[1]. Haodan Yuan, et al. Renal organic anion transporter-mediated drug-drug interaction between gemcabene and quinapril. J Pharmacol Exp Ther. 2009 Jul;330(3 doi: 10.1124/jpet.108.149476. Epub 2009 Apr 6

[2]. Sinisa Stanisavljevic, et al. Angiotensin I-converting enzyme inhibitors block protein kinase C epsilon by activating bradykinin B1 receptors in human endothel Pharmacol Exp Ther. 2006 Mar;316(3):1153-8.

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

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