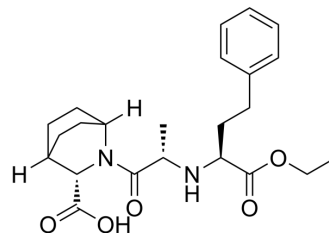


Zabicipril

Cat. No.:	HY-105266
CAS No.:	83059-56-7
Molecular Formula:	C ₂₃ H ₃₂ N ₂ O ₅
Molecular Weight:	416.51
Target:	Angiotensin-converting Enzyme (ACE)
Pathway:	Metabolic Enzyme/Protease
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description	Zabicipril is an orally active angiotensin-converting enzyme (ACE) inhibitor. Zabicipril can be used for the study of blood pressure and peripheral arterial insufficiency ^[1] .	
In Vivo	Zabicipril (0.3, 3 mg/kg; p.o.; daily for 5-7 days) inhibits ACE in rat plasma ^[1] . MCE has not independently confirmed the accuracy of these methods. They are for reference only.	
	Animal Model:	Adult male Sprague-Dawley rats ^[1]
	Dosage:	0.3, 3 mg/kg
	Administration:	P.o.; daily for 5-7 days
	Result:	Induced 50% and 65% inhibition of plasma ACE activity in the low- and high-dose group, respectively.

REFERENCES

[1]. Yang HT, Terjung RL. Angiotensin-converting enzyme inhibition increases collateral-dependent muscle blood flow. J Appl Physiol (1985). 1993 Jul;75(1):452-7.

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