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SZABO-SCANDIC HandelsgmbH

Quellenstraße 110, A-1100 Wien

T. +43(0)1 489 3961-0

F. +43(0)1 489 3961-7

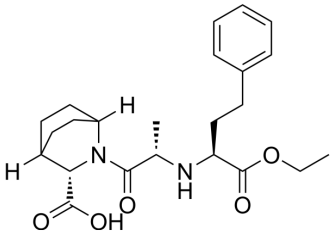
mail@szabo-scandic.com

www.szabo-scandic.com

linkedin.com/company/szaboscandic

Zabicipril

Cat. No.:	HY-105266
CAS No.:	83059-56-7
Molecular Formula:	$C_{23}H_{32}N_2O_5$
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.

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