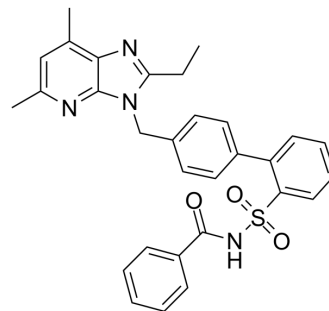


L-159282

Cat. No.:	HY-19191
CAS No.:	157263-00-8
Molecular Formula:	C ₃₀ H ₂₈ N ₄ O ₃ S
Molecular Weight:	524.63
Target:	Angiotensin Receptor
Pathway:	GPCR/G Protein
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description	L-159282 is a highly potent, orally active, nonpeptide angiotensin II receptor antagonist, with anti-hypertensive activity.
In Vivo	In the anesthetized chimpanzee, L-159282 (1 mg/kg, iv) produces 100% inhibition of the AII pressor response and is still active (52%) at 24 h. In aortic coarcted (high renin) rats, L-159282 (3 mg/kg, p.o.) reduces blood pressure to normotensive (< 120 mm Hg) levels without reflex tachycardia. This dose of L-159282 reduces blood pressure to approximately the same level as both losartan (3 mg/kg, p.o.) and enalapril (3 mg/kg, p.o.) in this model ^[1] . MCE has not independently confirmed the accuracy of these methods. They are for reference only.

REFERENCES

[1]. Kivlighn SD, et al. In vivo pharmacology of a novel AT1 selective angiotensin II receptor antagonist, MK-996. Am J Hypertens. 1995 Jan;8(1):58-66.

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

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