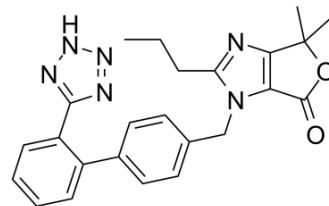


Olmesartan lactone impurity

Cat. No.:	HY-131276
CAS No.:	849206-43-5
Molecular Formula:	C ₂₄ H ₂₄ N ₆ O ₂
Molecular Weight:	428.49
Target:	Angiotensin Receptor
Pathway:	GPCR/G Protein
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description

Olmesartan lactone impurity is a cyclic ester impurity of Olmesartan. Olmesartan is an angiotensin II receptor (AT1R) antagonist and has the potential for high blood pressure study^{[1][2]}.

REFERENCES

[1]. Yanagihara H, et al. Effects of telmisartan and olmesartan on insulin sensitivity and renal function in spontaneously hypertensive rats fed a high fat diet. *J Pharmacol Sci.* 2016 Jul;131(3):190-7.

[2]. Tanno T, et al. Olmesartan Inhibits Cardiac Hypertrophy in Mice Overexpressing Renin Independently of Blood Pressure: Its Beneficial Effects on ACE2/Ang(1-7)/Mas Axis and NADPH Oxidase Expression. *J Cardiovasc Pharmacol.* 2016 Jun;67(6):503-9.

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

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