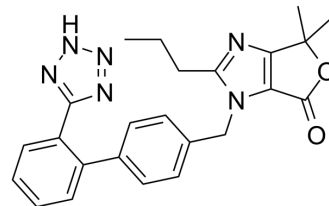


## Olmesartan lactone impurity

Cat. No.:	HY-131276		
CAS No.:	849206-43-5		
Molecular Formula:	C <sub>24</sub> H <sub>24</sub> N <sub>6</sub> O <sub>2</sub>		
Molecular Weight:	428.49		
Target:	Angiotensin Receptor		
Pathway:	GPCR/G Protein		
Storage:	Powder	-20°C	3 years
		4°C	2 years
	In solvent	-80°C	6 months
		-20°C	1 month



### 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<sup>[1][2]</sup>.

### 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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