Telmisartan is a long-acting antagonist at angiotensin II type 1 (AT II) receptors that is clinically used to treat hypertension. Telmisartan exhibits antihypertensive, anti-diabetic, anti-obesity, anti-inflammatory, and anti-hyperlipidemic activities. Telmisartan decreases levels of total cholesterol and LDL in vivo. Telmisartan also decreases weight gain and increases activity endurance and oxygen consumption in other animal models. This compound is also a selective modulator of PPARγ/δ, decreasing insulin, glucose, and triglyceride levels in high fat diet-fed rats. In endothelial cells, telmisartan decreases expression of MCP-1 and VCAM-1 and prevents activation of NF-κB.

References


Caution: This product is intended for laboratory and research use only. It is not for human or drug use.