LKT Laboratories, Inc.

Telmisartan

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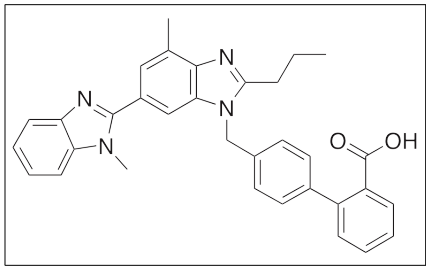
Product Information

Product ID T1644
CAS No. 144701-48-4
Chemical Name 4'-[(1,4'-Dimethyl-2'-propyl[2,6'-bi-1H-benzimidazol]-1'-yl)methyl][1,1'-biphenyl]-2-carboxylic acid
Synonym BIBR 277, Micardis, Pritor



Formula $C_{33}H_{30}N_4O_2$
Formula Wt. 514.63
Melting Point 261-263°C
Purity ≥98%
Solubility Soluble in DMSO (1.2mg/mL). Insoluble in water. Chloroform.

Pricing and Availability

Bulk quanitites available upon request

Product ID	Size	List Price
T1644	50 mg	$104.90
T1644	100 mg	$180.00
T1644	500 mg	$524.50

Store Temp Ambient
Ship Temp Ambient

Description 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. TEST!!!!!!

References

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Feng X, Luo Z, Ma L, et al. Angiotensin II receptor blocker telmisartan enhances running endurance of skeletal muscle through activation of the PPAR-δ/AMPK pathway. J Cell Mol Med. 2011 Jul;15(7):1572-81. PMID: 20477906.

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