



LKT Laboratories, Inc.

## Azilsartan

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### Product Information

**Product ID** A971334

**CAS No.** 147403-03-0

**Chemical Name** 2-ethoxy-3-[[4-[2-(5-oxo-4H-1,2,4-oxadiazol-3-yl)phenyl]phenyl]methyl]benzimidazole-4-carboxylic acid

**Synonym** TAK-536; TAK 536

**Formula** C<sub>25</sub>H<sub>20</sub>N<sub>4</sub>O<sub>5</sub>

**Formula Wt.** 456.46

**Melting Point**

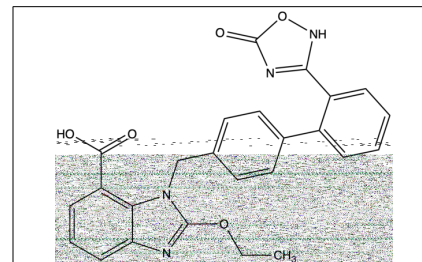
**Purity** ≥98%

**Solubility**

**Store Temp** -20°C

**Ship Temp** Ambient

**Description** Azilsartan is an angiotensin II receptor antagonist. It may provide a beneficial effect on the mechanisms involved in cardiometabolic disease and insulin sensitizing in cells. Diabetic mice treated with azilsartan had lowered expressions of pro-inflammatory cytokines in brain vessels and lowered diabetes-induced BBB permeability.



### Pricing and Availability

**Bulk quantities available upon request**

Product ID	Size	List Price
A971334	10 mg	\$90.20
A971334	50 mg	\$198.30
A971334	250 mg	\$390.60

**References** Kurtz T, Kajiya T. Differential pharmacology and benefit/risk of azilsartan compared to other sartans. *Vasc Health Risk Manag.* 2012;8:133-143. PMID: 22399858.

Han J, Tang H, Yao L, et al. Azilsartan protects against hyperglycemia-induced hyperpermeability of the blood-brain barrier. *Bioengineered.* 2021 Dec;12(1):3621-3633. PMID: 34266350.

Li W, Wang C, Zhang D, et al. Azilsartan ameliorates ox-LDL-induced endothelial dysfunction via promoting the expression of KLF2. *Aging (Albany NY).* 2021 May 4; 13(9):12996-13005. PMID: 33946046.

Baker W, White W. Azilsartan medoxomil: a new angiotensin II receptor antagonist for treatment of hypertension. *Ann Pharmacother.* 2011 Dec;45(12):1506-1515. PMID: 22116996.

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