



Product Information

Product ID A971336

CAS No. 863031-21-4

Chemical Name 1-[[2'-(2,5-Dihydro-5-oxo-1,2,4-oxadiazol-3-yl)[1,1'-biphenyl]-4-yl]methyl]-2-ethoxy-1H-benzimidazole-7-carboxylic Acid (5-Methyl-2-oxo-1,3-dioxol-4-yl)methyl ester

Synonym TAK 491; TAK-491; TAK491

Formula C₃₀H₂₄N₄O₈

Formula Wt. 568.54

Melting Point 212-214

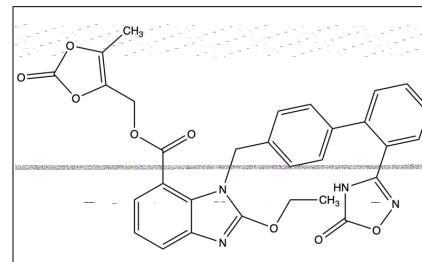
Purity ≥98%

Solubility

Store Temp -20°C

Ship Temp Ambient

Description Azilsartan medoxomil 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
A971336	5 mg	\$93.80
A971336	25 mg	\$294.50
A971336	100 mg	\$691.00

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.