

# Candesartan (Cilexetil)

Catalog No: tcsc2893



## Available Sizes

**Size:** 500mg

**Size:** 1g



## Specifications

**CAS No:**

145040-37-5

**Formula:**

$C_{33}H_{34}N_6O_6$

**Pathway:**

GPCR/G Protein

**Target:**

Angiotensin Receptor

**Purity / Grade:**

>98%

**Solubility:**

DMSO :  $\geq 50$  mg/mL (81.88 mM)

**Alternative Names:**

TCV-116

**Observed Molecular Weight:**

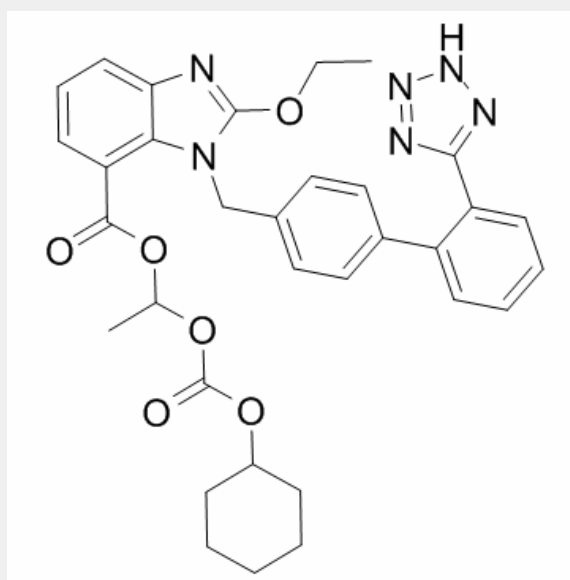
610.66

## Product Description

Candesartan Cilexetil (TCV-116) is an angiotensin II receptor antagonist used mainly for the treatment of hypertension.

Target: Type-1 angiotensin II receptor

Candesartan is generally well tolerated and significantly reduced cardiovascular deaths and hospital admissions for heart failure. Ejection fraction or treatment at baseline did not alter these effects [1]. In rats, TCV-116 inhibited the pressor responses to Ang I, Ang II, and Ang III without an effect on the bradykinin (BK)-induced depressor response. In SHR, the antihypertensive effect of TCV-116 (10 mg/kg) was larger than the maximum antihypertensive effect of enalapril and was not intensified by combination with enalapril. TCV-116 is more effective than enalapril in reducing blood pressure in SHR and 1K, 1C-HR, and that the BK- and/or prostaglandin-potentiating effect of enalapril contributes little to its antihypertensive mechanism in SHR [2].



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