

Candesartan Cilaxetil Cas no 145040 -37-05

Taj Pharmaceuticals.Ltd
**Candesartan
Cilaxetil**
CAS No.145040-37-5,

1. CAS No. : 145040-37-5
2. Molecular formula: C₃₃H₃₄N₆O₆
3. Molecular weight: 610.67
4. Appearance: White crystalline powder
5. Assay ≥ 99.0%
6. Total impurity: ≤ 1.0%
7. Single impurity ≤ 0.5%
8. Residue on ignition ≤ 0.1
9. Heavy metal ≤ 10PPm

Candesartan cilexetil is a white to off-white powder with a molecular weight of 610.67. It is practically insoluble in water and sparingly soluble in methanol. Candesartan cilexetil is a racemic mixture containing one chiral center at the cyclohexyloxycarbonyloxy ethyl ester group. Following oral administration, candesartan cilexetil undergoes hydrolysis at the ester link to form the active drug, candesartan, which is achiral.

Candesartan cilexetil is the generic name for this medicine. It is available as the following brands. Please select one of the medicines below for information about Candesartan cilexetil:

Candesartan cilexetil, a nonpeptide, is chemically described as (±)-1-Hydroxyethyl 2-ethoxy-1-[p-(o-1H-tetrazol-5-yl)phenyl]benzyl]-7-benzimidazolecarboxylate, cyclohexyl carbonate (ester).

Many research efforts are focused on finding ways to lower urinary protein excretion in patients with kidney disease because doing so may postpone kidney failure and prevent the development of cardiovascular disease. Investigators in Canada recently reported the results of a multicenter trial that evaluated whether high doses of the hypertension drug candesartan cilexetil could reduce proteinuria better than the maximum approved dose.

