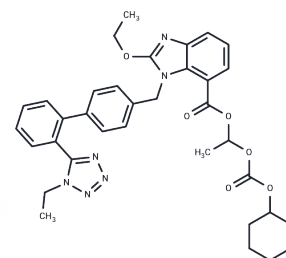


## 1H-1-ethyl Candesartan Cilexetil

### Chemical Properties

CAS No. :	914613-35-7
Formula:	C35H38N6O6
Molecular Weight:	638.71
Storage:	Powder: -20°C for 3 years   In solvent: -80°C for 1 year Actual storage temperature shall be subject to the COA.



### Biological Description

Description	1H-1-ethyl Candesartan Cilexetil is a process-related impurity in the bulk synthesis of candesartan cilexetil, which is a potent, long-acting and selective angiotensin II type 1 receptor (AT1) antagonist.
Targets(IC50)	Others, Drug Metabolite

### Solubility Information

Solubility	DMSO: 45 mg/mL (70.45 mM), Sonication is recommended. ( < 1 mg/ml refers to the product slightly soluble or insoluble)
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#### Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.5657 mL	7.8283 mL	15.6566 mL
5 mM	0.3131 mL	1.5657 mL	3.1313 mL
10 mM	0.1566 mL	0.7828 mL	1.5657 mL
50 mM	0.0313 mL	0.1566 mL	0.3131 mL

Please select the appropriate solvent to prepare the stock solution, according to the solubility of the product in different solvents. Please use it as soon as possible.

Note: The dilution table applies only to solid products. For liquid products, please calculate the stock solution based on the stated concentration and/or density.

#### Reference

Otsuka M, et al. Reduction of bleomycin induced lung fibrosis by candesartan cilexetil, an angiotensin II type 1 receptor antagonist. Thorax. 2004 Jan;59(1):31-8.

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Tel:781-999-4286 E\_mail:info@targetmol.com Address:34 Washington Street,Wellesley Hills,MA 02481