

## Azilsartan mepixetil

## Chemical Properties

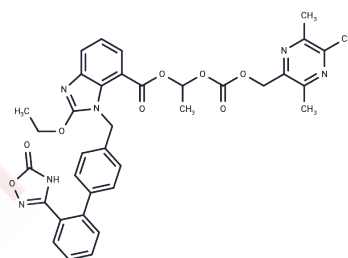
CAS No. : 1596357-16-2

Formula: C36H34N6O8

Molecular Weight: 678.702

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	Azilsartan mepixetil is a potent angiotensin II receptor antagonist with enhanced efficacy and prolonged duration of action. It exhibits more prominent and sustained effects in lowering blood pressure and heart rate, while maintaining a high level of safety. Furthermore, Azilsartan mepixetil demonstrates optimal protective efficacy for cardiovascular and renal functions. Hence, it holds promise for the research and treatment of hypertension, chronic heart failure, and diabetic nephropathy.
Targets(IC50)	RAAS,Others

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.4734 mL	7.367 mL	14.7341 mL
5 mM	0.2947 mL	1.4734 mL	2.9468 mL
10 mM	0.1473 mL	0.7367 mL	1.4734 mL
50 mM	0.0295 mL	0.1473 mL	0.2947 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

Ma, Jianyi, et al. Compound and preparation method thereof, composition and application. Patent CN107400122A.

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