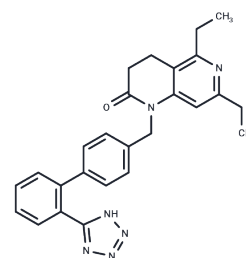


ZD 7155

## Chemical Properties

CAS No. : 151801-76-2  
 Formula: C<sub>26</sub>H<sub>26</sub>N<sub>6</sub>O  
 Molecular Weight: 438.52  
 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	ZD 7155 hydrochloride is a potent and selective competitive antagonist for the angiotensin II type 1 (AT1) receptor. It displaces [125I]-angiotensin II binding in guinea pig adrenal gland membranes with an IC <sub>50</sub> value of 3.8 nM.
Targets(IC <sub>50</sub> )	RAAS,Others

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.2804 mL	11.402 mL	22.804 mL
5 mM	0.4561 mL	2.2804 mL	4.5608 mL
10 mM	0.228 mL	1.1402 mL	2.2804 mL
50 mM	0.0456 mL	0.228 mL	0.4561 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

- Chappellaz ML, Smith FG. Systemic and renal hemodynamic effects of the AT1 receptor antagonist, ZD 7155, and the AT2 receptor antagonist, PD 123319, in conscious lambs. *Pflugers Arch.* 2007 Jan;453(4):477-86. Epub 2006 Oct 19. PubMed PMID: 17051392.
- Junggren IL, Zhao X, Sun X, Hedner T. Comparative cardiovascular effects of the angiotensin II type 1 receptor antagonists ZD 7155 and losartan in the rat. *J Pharm Pharmacol.* 1996 Aug;48(8):829-33. PubMed PMID: 8887734.
- Maxfield EK, Love A, Cotter MA, Cameron NE. Nerve function and regeneration in diabetic rats: effects of ZD-7155, an AT1 receptor antagonist. *Am J Physiol.* 1995 Sep;269(3 Pt 1):E530-7. PubMed PMID: 7573431.

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