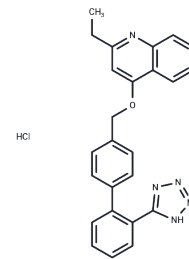


ZD-8731 HCl

Chemical Properties

CAS No. :	135015-84-8
Formula:	C ₂₅ H ₂₂ ClN ₅ O
Molecular Weight:	443.93
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-8731, an angiotensin type 1 receptor antagonist, is used potentially for the treatment of hypertension and heart failure.
Targets(IC50)	RAAS,Others

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.2526 mL	11.263 mL	22.5261 mL
5 mM	0.4505 mL	2.2526 mL	4.5052 mL
10 mM	0.2253 mL	1.1263 mL	2.2526 mL
50 mM	0.0451 mL	0.2253 mL	0.4505 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

- Geiger H, Fierlbeck W, Mai M, Ruchti H, Schönfeld V, Dämmrich J, Hugo C, Neumayer HH. Effects of early and late antihypertensive treatment on extracellular matrix proteins and mononuclear cells in uninephrectomized SHR. *Kidney Int.* 1997 Mar;51(3):750-61. PubMed PMID: 9067907.
- Hoenaek C, Roesen P. Inhibition of angiotensin type 1 receptor prevents decline of glucose transporter (GLUT4) in diabetic rat heart. *Diabetes.* 1996 Jan;45 Suppl 1:S82-7. PubMed PMID: 8529806.
- Brilla CG, Zhou G, Rupp H, Maisch B, Weber KT. Role of angiotensin II and prostaglandin E2 in regulating cardiac fibroblast collagen turnover. *Am J Cardiol.* 1995 Nov 2;76(13):8D-13D. Review. PubMed PMID: 7495221.
- Shaw LM, George PR, Oldham AA, Heagerty AM. A comparison of the effect of angiotensin converting enzyme inhibition and angiotensin II receptor antagonism on the structural changes associated with hypertension in rat small arteries. *J Hypertens.* 1995 Oct;13(10):1135-43. PubMed PMID: 8586805.

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