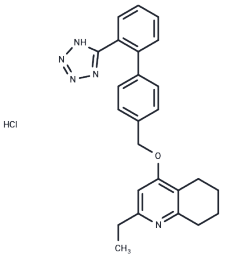
Data Sheet (Cat.No.T29211)

TargetMol

ZD-6888 Hydrochloride

Chemical Properties



CAS No. : 138620-17-4

Formula: C25H26ClN5O

Molecular Weight: 447.96

Storage: Keep away from moisture
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-6888 Hydrochloride (ZD-6888 HCl) is an angiotensin II (AII) antagonist that mediates AII receptor blockade and induces a competitive inhibition of AII-mediated renin
Targets(IC50)	RAAS

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.2323 mL	11.1617 mL	22.3234 mL
5 mM	0.4465 mL	2.2323 mL	4.4647 mL
10 mM	0.2232 mL	1.1162 mL	2.2323 mL
50 mM	0.0446 mL	0.2232 mL	0.4465 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

Jackson DG, et al. Histopathological and ultrastructural changes in the juxtaglomerular apparatus of the rat following administration of ZENECA ZD6888 (2-ethyl-5,6,7,8-tetrahydro-4-[(2'-(1H-tetrazol-5-yl)biphenyl-4-yl)-methoxy]quinoline), an angiotensin II antagonist. Toxicol Pathol. 1995 Jan-Feb;23(1):7-15.
Bradbury RH, et al. New nonpeptide angiotensin II receptor antagonists. 3. Synthesis, biological properties, and structure-activity relationships of 2-alkyl-4-(biphenylylmethoxy)pyridine derivatives. J Med Chem. 1993 Apr 30;36(9):1245-54.

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