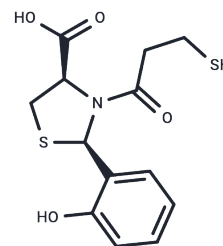


Rentiapril

Chemical Properties

CAS No. :	80830-42-8
Formula:	C ₁₃ H ₁₅ NO ₄ S ₂
Molecular Weight:	313.39
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	Rentiapril is an orally active inhibitor of angiotensin converting enzyme (ACE), with antihypertensive activity.
Targets(IC50)	RAAS,Angiotensin-converting Enzyme (ACE)

Solubility Information

Solubility	DMSO: 200 mg/mL (638.18 mM),Sonication is recommended. (< 1 mg/ml refers to the product slightly soluble or insoluble)
In vivo Formulation	10% DMSO+40% PEG300+5% Tween-80+45% Saline: 5 mg/mL (15.95 mM),Sonication is recommended. <i>Please add the solvents sequentially, clarifying the solution as much as possible before adding the next one. Dissolve by heating and/or sonication if necessary. Working solution is recommended to be prepared and used immediately. The formulation provided above is for reference purposes only. In vivo formulations may vary and should be modified based on specific experimental conditions.</i>

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	3.1909 mL	15.9546 mL	31.9091 mL
5 mM	0.6382 mL	3.1909 mL	6.3818 mL
10 mM	0.3191 mL	1.5955 mL	3.1909 mL
50 mM	0.0638 mL	0.3191 mL	0.6382 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

Cozens DD, et al. Reproductive toxicity studies of rentiapril. *Arzneimittelforschung*. 1987 Feb;37(2):164-9.
Ideishi M, et al. Effects of the angiotensin converting enzyme inhibitors captopril, rentiapril, and alacepril in patients with essential and renovascular hypertension. *Clin Ther*. 1989 Jul-Aug;11(4):441-51.

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