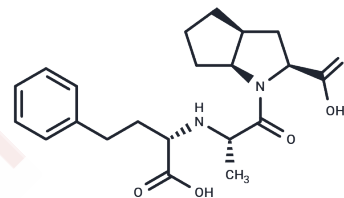


Ramiprilat

Chemical Properties

CAS No. :	87269-97-4
Formula:	C ₂₁ H ₂₈ N ₂ O ₅
Molecular Weight:	388.46
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	Ramiprilat is an angiotensin-converting enzyme (ACE) inhibitor with antihypertensive activity.
Targets(IC50)	RAAS,Endogenous Metabolite,Angiotensin-converting Enzyme (ACE),Drug Metabolite
In vitro	The angiotensin-converting enzyme inhibitor ramiprilat has a protective effect on isolated cardiac myocytes exposed to hypoxia/reoxygenation and that this effect is most likely related to a local action of bradykinin on the cardiac myocyte via the activation of the kinin B2 receptor.

Solubility Information

Solubility	DMSO: 3.89 mg/mL (10.01 mM),Sonication is recommended. (< 1 mg/ml refers to the product slightly soluble or insoluble)
------------	---

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.5743 mL	12.8713 mL	25.7427 mL
5 mM	0.5149 mL	2.5743 mL	5.1485 mL
10 mM	0.2574 mL	1.2871 mL	2.5743 mL
50 mM	0.0515 mL	0.2574 mL	0.5149 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

Safari F , Bayat G , Shekarforoush S , et al. Expressional profile of cardiac uncoupling protein-2 following myocardial ischemia reperfusion in losartan- and ramiprilat-treated rats[J]. Journal of the Renin-Angiotensin-Aldosterone System, 2014, 15(3):209-217.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

This product is for Research Use Only· Not for Human or Veterinary or Therapeutic Use

Tel:781-999-4286 E_mail:info@targetmol.com Address:34 Washington Street,Wellesley Hills,MA 02481