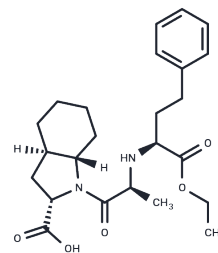


Trandolapril

Chemical Properties

CAS No. :	87679-37-6
Formula:	C ₂₄ H ₃₄ N ₂ O ₅
Molecular Weight:	430.54
Storage:	Keep away from direct sunlight Powder: -20°C for 3 years In solvent: -80°C for 1 year <i>Actual storage temperature shall be subject to the COA.</i>



Biological Description

Description	Trandolapril is an orally administered angiotensin converting enzyme (ACE) inhibitor that is hydrolysed to the active diacid trandolaprilat.
Targets(IC50)	Angiotensin-converting Enzyme (ACE)

Solubility Information

Solubility	DMSO: 100 mg/mL (232.27 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: < 10 mg/mL (23.23 mM),Lower concentrations may be soluble, but exact solubility limit is unknown. 10% DMSO+90% Saline: < 10 mg/mL (23.23 mM),Lower concentrations may be soluble, but exact solubility limit is unknown. <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	2.3227 mL	11.6133 mL	23.2266 mL
5 mM	0.4645 mL	2.3227 mL	4.6453 mL
10 mM	0.2323 mL	1.1613 mL	2.3227 mL
50 mM	0.0465 mL	0.2323 mL	0.4645 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

Peters DC, et al. Trandolapril. An update of its pharmacology and therapeutic use in cardiovascular disorders. *Drugs*. 1998 Nov;56(5):871-93.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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