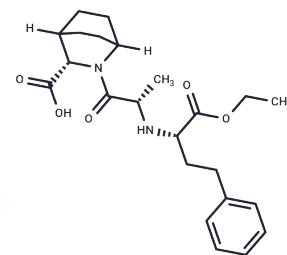


Zabicipril

Chemical Properties

CAS No. :	83059-56-7
Formula:	C ₂₃ H ₃₂ N ₂ O ₅
Molecular Weight:	416.51
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	Zabicipril is a novel orally available angiotensin-converting enzyme inhibitor, a prodrug with antihypertensive activity following in vivo de-esterification.
Targets(IC50)	RAAS, Angiotensin-converting Enzyme (ACE)

Solubility Information

Solubility	DMSO: 55 mg/mL (132.05 mM), Sonication is recommended. (< 1 mg/ml refers to the product slightly soluble or insoluble)
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Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.4009 mL	12.0045 mL	24.009 mL
5 mM	0.4802 mL	2.4009 mL	4.8018 mL
10 mM	0.2401 mL	1.2005 mL	2.4009 mL
50 mM	0.048 mL	0.2401 mL	0.4802 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

Naeije R, et al. Systemic and renal haemodynamic effects of angiotensin converting enzyme inhibition by zabicipril in young and in old normal men. Eur J Clin Pharmacol. 1993;44(1):35-9.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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