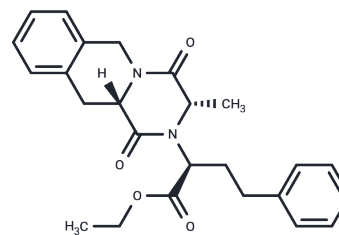


PD 109488

Chemical Properties

CAS No. : 103733-49-9
Formula: C₂₅H₂₈N₂O₄
Molecular Weight: 420.5
Appearance: no data available
Storage: Powder: -20°C for 3 years | In solvent: -80°C for 1 year



Biological Description

Description	PD 109488 is a metabolite of quinapril and is a derivative of Quinapril that acts as an ACE inhibitor. Inhibition of ACE prevents the conversion of signaling peptide angiotensin I into angiotensin II, which acts as a potent vasoconstrictor. Reduced levels of angiotensin II also reduces the amount of aldosterone that is expressed due to RAAS signaling.
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Solubility Information

Solubility	DMSO: Soluble, (< 1 mg/ml refers to the product slightly soluble or insoluble)
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Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.3781 mL	11.8906 mL	23.7812 mL
5 mM	0.4756 mL	2.3781 mL	4.7562 mL
10 mM	0.2378 mL	1.1891 mL	2.3781 mL
50 mM	0.0476 mL	0.2378 mL	0.4756 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.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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

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