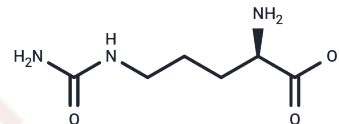


D-Citrulline

Chemical Properties

CAS No. : 13594-51-9
 Formula: C₆H₁₃N₃O₃
 Molecular Weight: 175.19
 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	D-Citrulline (H-D-Cit-OH), a stereoisomer of L-citrulline, effectively reduces cardiac contractile dysfunction caused by polymorphonuclear leukocyte (PMN) in isolated perfused rat hearts undergoing ischemia/reperfusion. This protective effect is mediated through a non-NO-mediated mechanism.
Targets(IC50)	Endogenous Metabolite

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	5.7081 mL	28.5404 mL	57.0809 mL
5 mM	1.1416 mL	5.7081 mL	11.4162 mL
10 mM	0.5708 mL	2.854 mL	5.7081 mL
50 mM	0.1142 mL	0.5708 mL	1.1416 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.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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