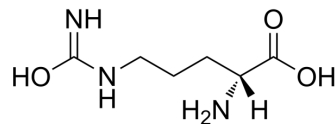


D-Citrulline

Cat. No.:	HY-W016733
CAS No.:	13594-51-9
Molecular Formula:	C ₆ H ₁₃ N ₃ O ₃
Molecular Weight:	175.19
Target:	Endogenous Metabolite
Pathway:	Metabolic Enzyme/Protease
Storage:	4°C, protect from light * In solvent : -80°C, 6 months; -20°C, 1 month (protect from light)



BIOLOGICAL ACTIVITY

Description	D-Citrulline (H-D-Cit-OH) is a stereoisomer of L-citrulline (HY-N0391). D-Citrulline significantly attenuates polymorphonuclear leukocyte (PMN)-induced cardiac contractile dysfunction in the isolated perfused rat heart subjected to ischemia/reperfusion via a non-NO-mediated mechanism ^[1] .
IC ₅₀ & Target	Human Endogenous Metabolite

REFERENCES

[1]. Y Ikeda, et al. Cardioprotective effects of citrulline in ischemia/reperfusion injury via a non-nitric oxide-mediated mechanism. *Methods Find Exp Clin Pharmacol*. 2000 Sep;22(7):563-71.

Caution: Product has not been fully validated for medical applications. For research use only.

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