

## Arginase

## Chemical Properties

CAS No. : 9000-96-8

Formula:

Molecular Weight:

Storage: Keep away from moisture, Store at low temperature  
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	Arginase (L-Arginine amidinase) is a key hydrolytic enzyme in the urea cycle, which hydrolyzes L-arginine into urea and L-ornithine. Arginase can be used for cancer research.
Targets(IC50)	Endogenous Metabolite

## Reference

Caldwell RW, et al. Arginase: A Multifaceted Enzyme Important in Health and Disease. *Physiol Rev.* 2018 Apr 1;98(2):641-665.

Mortier Jérémie, et al. Arginase structure and inhibition: catalytic site plasticity reveals new modulation possibilities. *Scientific Reports* 7.1 (2017): 13616.

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