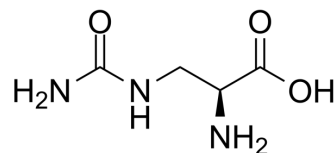


L-Albizziin

Cat. No.:	HY-121167		
CAS No.:	1483-07-4		
Molecular Formula:	C ₄ H ₉ N ₃ O ₃		
Molecular Weight:	147.13		
Target:	Glutaminase		
Pathway:	Metabolic Enzyme/Protease		
Storage:	Powder	-20°C	3 years
		4°C	2 years
	In solvent	-80°C	6 months
		-20°C	1 month



SOLVENT & SOLUBILITY

In Vitro	H ₂ O : 50 mg/mL (339.84 mM; ultrasonic and warming and heat to 60°C)				
		Solvent Concentration	Mass 1 mg	5 mg	10 mg
	Preparing Stock Solutions	1 mM	6.7967 mL	33.9836 mL	67.9671 mL
		5 mM	1.3593 mL	6.7967 mL	13.5934 mL
10 mM		0.6797 mL	3.3984 mL	6.7967 mL	
Please refer to the solubility information to select the appropriate solvent.					
In Vivo	1. Add each solvent one by one: PBS Solubility: 33.33 mg/mL (226.53 mM); Clear solution; Need ultrasonic				

BIOLOGICAL ACTIVITY

Description	L-albizziin, as a sulfhydryl group reagent, is a glutamase inhibitor. L-albizziin can be used for the research of cancer ^[1] .
IC ₅₀ & Target	Glutamase ^[1]
In Vitro	L-albizziin, as a sulfhydryl group reagent, is a glutamase inhibitor ^[1] . MCE has not independently confirmed the accuracy of these methods. They are for reference only.

REFERENCES

[1]. Durá MA, et al. Purification and characterisation of a glutaminase from *Debaryomyces* spp.. *Int J Food Microbiol.* 2002;76(1-2):117-126. doi:10.1016/s0168-

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

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