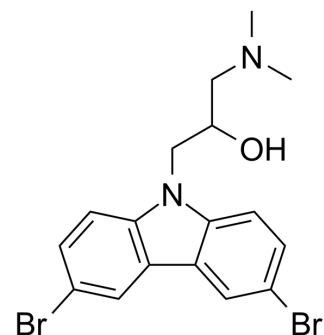


Wiskostatin

Cat. No.:	HY-12534	
CAS No.:	253449-04-6	
Molecular Formula:	C ₁₇ H ₁₈ Br ₂ N ₂ O	
Molecular Weight:	426.15	
Target:	Arp2/3 Complex	
Pathway:	Cytoskeleton	
Storage:	Powder	-20°C 3 years
	In solvent	-80°C 6 months
		-20°C 1 month



SOLVENT & SOLUBILITY

In Vitro	DMSO : 25 mg/mL (58.66 mM; Need ultrasonic)					
	Preparing Stock Solutions	Solvent \ Mass \ Concentration	1 mg	5 mg	10 mg	
			1 mM	2.3466 mL	11.7330 mL	23.4659 mL
			5 mM	0.4693 mL	2.3466 mL	4.6932 mL
			10 mM	0.2347 mL	1.1733 mL	2.3466 mL
Please refer to the solubility information to select the appropriate solvent.						
In Vivo	1. Add each solvent one by one: 10% DMSO >> 90% corn oil Solubility: ≥ 2.5 mg/mL (5.87 mM); Clear solution					

BIOLOGICAL ACTIVITY

Description	Wiskostatin is a potent and selective inhibitor of neuronal Wiskott-Aldrich syndrome protein (N-WASP)-mediated actin polymerization. Wiskostatin causes a rapid, profound, and irreversible decrease in cellular ATP levels ^[1] .
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CUSTOMER VALIDATION

- Research Square Preprint. 2023 Apr 13.

See more customer validations on www.MedChemExpress.com

REFERENCES

[1]. Guerriero CJ, et al. N-WASP inhibitor wiskostatin nonselectively perturbs membrane transport by decreasing cellular ATP levels. Am J Physiol Cell Physiol. 2007;292(4):C1562-C1566.

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

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