

## Concanavalin A

Cat. No.:	HY-P2149
CAS No.:	11028-71-0
Target:	Antibiotic; Apoptosis
Pathway:	Anti-infection; Apoptosis
Storage:	Sealed storage, away from moisture
	Powder    -80°C    2 years
	-20°C    1 year
	* In solvent : -80°C, 6 months; -20°C, 1 month (sealed storage, away from moisture)

## Concanavalin A

### SOLVENT & SOLUBILITY

In Vitro	H <sub>2</sub> O : 50 mg/mL (Need ultrasonic)
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### BIOLOGICAL ACTIVITY

Description	Concanavalin A is a Ca <sup>2+</sup> /Mn <sup>2+</sup> -dependent and mannose/glucose-binding plant lectin that can be found in jack bean. Concanavalin A can induce programmed cell death <sup>[1]</sup> .
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### CUSTOMER VALIDATION

- J Control Release. 2022 Mar 5;S0168-3659(22)00116-X.

See more customer validations on [www.MedChemExpress.com](http://www.MedChemExpress.com)

### REFERENCES

[1]. Li W, et, al. Concanavalin A: a potential anti-neoplastic agent targeting apoptosis, autophagy and anti-angiogenesis for cancer therapeutics. Biochem Biophys Res Commun. 2011 Oct 22;414(2):282-6.

[2]. Cantelli A, et, al. Concanavalin A-Rose Bengal bioconjugate for targeted Gram-negative antimicrobial photodynamic therapy. J Photochem Photobiol B. 2020 Mar 13;206:111852.

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

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