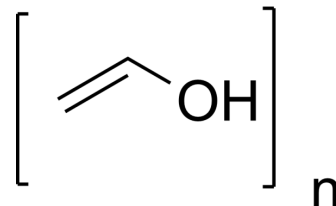


Polyvinyl alcohol

Cat. No.:	HY-Y0850		
CAS No.:	9002-89-5		
Target:	Biochemical Assay Reagents		
Pathway:	Others		
Storage:	Powder	-20°C	3 years
		4°C	2 years
	In solvent	-80°C	6 months
		-20°C	1 month



SOLVENT & SOLUBILITY

In Vitro	DMSO : 50 mg/mL (ultrasonic and warming and heat to 60°C) H ₂ O : < 0.1 mg/mL (ultrasonic;warming;heat to 60°C) (insoluble)
In Vivo	1. Add each solvent one by one: 10% DMSO >> 90% corn oil Solubility: ≥ 2.5 mg/mL (Infinity mM); Clear solution

BIOLOGICAL ACTIVITY

Description	Polyvinyl alcohol is a biodegradable semi-crystalline synthetic polymer with a high degree of biocompatibility in vitro and in vivo. Polyvinyl alcohol can be used in the study of drug delivery system in cancer ^{[1][2]} .
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REFERENCES

[1]. Rivera-Hernández G, et al. Polyvinyl alcohol based-drug delivery systems for cancer treatment. Int J Pharm. 2021 May 1;600:120478.

[2]. Fang Liu, et al. Effect of Polyvinyl Alcohol on the Rheological Properties of Cement Mortar. Molecules. 2020 Feb 10;25(3):754.

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

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