

Poly Vinyl Alcohol

Chemical Properties

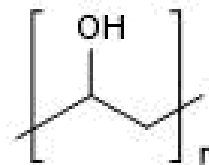
CAS No. : 9002-89-5

Formula: (C₂H₄O)_n

Molecular Weight:

Storage: 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	Poly Vinyl Alcohol (Polyvinyl alcohol) is a biodegradable and wound-healing polymer used in a wide range of biomedical applications. Poly Vinyl Alcohol is commonly used in the manufacture of medical excipients.
Targets(IC50)	Others

Solubility Information

Solubility	H ₂ O: < 1 mg/mL (insoluble or slightly soluble) DMSO: 50 mg/mL, Sonication is recommended. (< 1 mg/ml refers to the product slightly soluble or insoluble)
In vivo Formulation	10% DMSO+90% Corn Oil: 2.5 mg/mL, Sonication is recommended. <i>Please add the solvents sequentially, clarifying the solution as much as possible before adding the next one. Dissolve by heating and/or sonication if necessary. Working solution is recommended to be prepared and used immediately. The formulation provided above is for reference purposes only. In vivo formulations may vary and should be modified based on specific experimental conditions.</i>

Reference

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

DeMerlis CC, et al. Review of the oral toxicity of polyvinyl alcohol (PVA). *Food Chem Toxicol*. 2003 Mar;41(3):319-26.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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Tel:781-999-4286

E_mail:info@targetmol.com

Address:34 Washington Street,Wellesley Hills,MA 02481