



# SZABO SCANDIC

Part of Europa Biosite

## Produktinformation



Forschungsprodukte & Biochemikalien



Zellkultur & Verbrauchsmaterial



Diagnostik & molekulare Diagnostik



Laborgeräte & Service

Weitere Information auf den folgenden Seiten!  
See the following pages for more information!



### Lieferung & Zahlungsart

siehe unsere [Liefer- und Versandbedingungen](#)

### Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

### SZABO-SCANDIC HandelsgmbH

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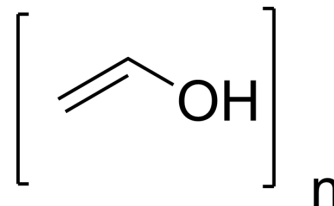
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## PVA (Mw 145000, 99+% hydrolyzed, $\bar{M}_n$ 3300 polymerization)

Cat. No.:	HY-Y0850U4
CAS No.:	9002-89-5
Molecular Formula:	(C <sub>2</sub> H <sub>4</sub> O) <sub>n</sub>
Target:	Others
Pathway:	Others
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



### BIOLOGICAL ACTIVITY

#### Description

PVA (Mw 145000, 99+% hydrolyzed,  $\bar{M}_n$ 3300 polymerization) is a polyvinyl alcohol with molecular weight of 145000 with hydrolysis properties. Hydrolysis degree refers to the conversion rate of acetic acid group hydrolysis to hydroxyl group in the original polyvinyl acetate, PVA (Mw 145000, 99+% hydrolyzed,  $\bar{M}_n$ 3300 polymerization). In addition, polyvinyl alcohol is obtained from polymerization of vinyl acetate to remove acetic acid group by hydrolysis. Polyvinyl alcohol with different degrees of hydrolysis can be self-crosslinked to form frozen gels and used as biological excipients<sup>[1]</sup>.

### REFERENCES

[1]. Elsherbiny DA, et al. Self-crosslinked polyvinyl alcohol/cellulose nanofibril cryogels loaded with synthesized aminophosphonates as antimicrobial wound dressings. J Mater Chem B. 2023 Aug 2;11(30):7144-7159.

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

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