

Polyvinyl alcohol (Mw 85000-124000, 87-89% hydrolyzed)

Chemical Properties

CAS No. :

Formula: (C₂H₄O)_x

Molecular Weight:

Storage: Store at RT

Actual storage temperature shall be subject to the COA.

Biological Description

Description	Polyvinyl alcohol (Mw 85000-124000, 87-89% hydrolyzed) is a polymer with a molecular weight of 85000-124000, known for its hydrolytic properties. The degree of hydrolysis indicates the conversion rate of acetate groups into hydroxyl groups from the original polyvinyl acetate. Polyvinyl alcohol is produced through the polymerization of vinyl acetate, followed by the hydrolysis that removes acetate groups, resulting in the formation of polyvinyl alcohol. An 87-89% degree of hydrolysis demonstrates the significant removal of acetate groups, creating a substantial number of hydroxyl groups within the PVA structure. Polyvinyl alcohol with different degrees of hydrolysis can form self-crosslinked cryogels, used as bio-auxiliary materials.
Targets(IC50)	Others

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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