Data Sheet (Cat.No.TCL-00323)

TargetMol

Polyvinyl alcohol (Mw 13000-23000)

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 13000-23000, 87-89% hydrolyzed) is a water-soluble polymer with a molecular weight ranging from 13000 to 23000, characterized by its degree of hydrolysis. The hydrolysis degree refers to the conversion rate of acetate groups in the original polyvinyl acetate into hydroxyl groups. This compound is derived from the polymerization of vinyl acetate followed by the removal of acetate groups, resulting in polyvinyl alcohol. With a hydrolysis degree of 87-89%, a significant portion of acetate groups are replaced by hydroxyl groups, enhancing this polymer's capacity to form crosslinked structures in cryogels, making it suitable as a bio-additive.
Targets(IC50)	Others

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