

Poly(acrylic acid)

Chemical Properties

CAS No. : 9003-01-4

Formula: (C₃H₄O₂)_x

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(acrylic acid) serves as an effective corrosion inhibitor for pure cast aluminium in acidic environments through its adsorption onto the metal's surface. Additionally, this compound functions as an excipient within the pharmaceutical industry, utilized in roles such as a coating material and release blocker. Pharmaceutical excipients, also known as pharmaceutical auxiliaries, are chemical substances employed in drug formulation alongside the active pharmaceutical ingredients to enhance the stability, solubility, and manufacturability of the products. These excipients also influence the absorption, distribution, metabolism, and elimination (ADME) processes of drugs [1] [2].
Targets(IC50)	Others

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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