

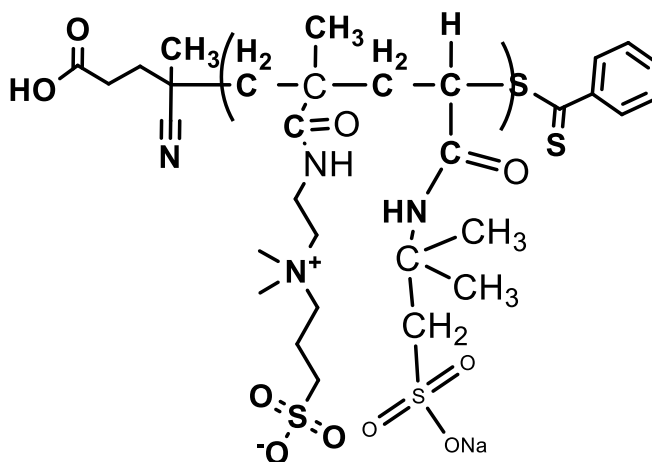
Product Profile

Identification

Product Name: Poly 3-[N-(3-Methacrylamido)propyl-N,N, -dimethylammonio]-propanesulfonate-co-2-acrylamido-2-methylpropane-1-sulfonic acid), random

Product Lot Number: P45096B-MAMDDMAPS-AMDMPSran

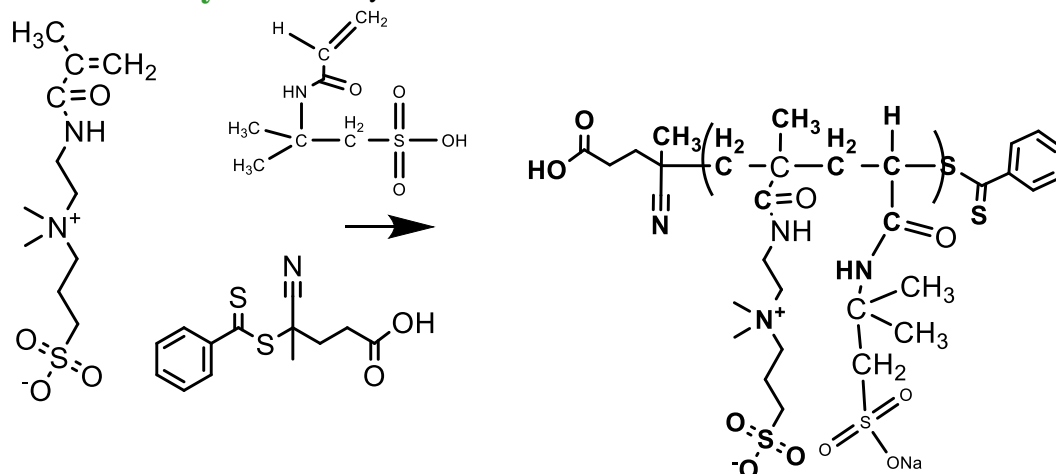
Product Chemical Architecture:



Composition:

Mn x 10 ³	Mw/Mn (PDI)	Composition MAMDDMAPS:AMDMPS
5.0	1.6	60:40

Method of Synthesis: By RAFT Process



Solubility in different solvents

THF	X	DMSO	√
CHCl ₃	X	DMF	√
Water	√	Acetone	X

Purification of Polymer: By Soxhlet extraction of unreacted RAFT

A. Gel Permeation Chromatography (GPC), SEC- Profile

Mn calculated from HNMR and Mw/Mn by GPC Mw/Mn 1.6

[illegible]