

Product Profile

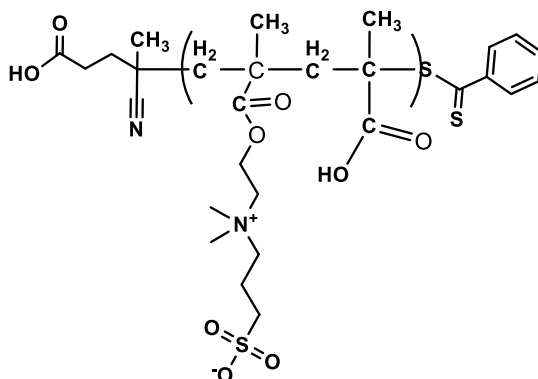
Identification

Product Name: Poly(sulfopropylbetaine(SPB)methacrylate-co-Methacrylic acid), random

or: Poly [2-(Methacryloyloxy)ethyl]dimethyl-(3-sulfopropyl)ammonium hydroxide with Methacrylic acid random copolymer

Product Lot Number: P44932E-DMAPSMAAran

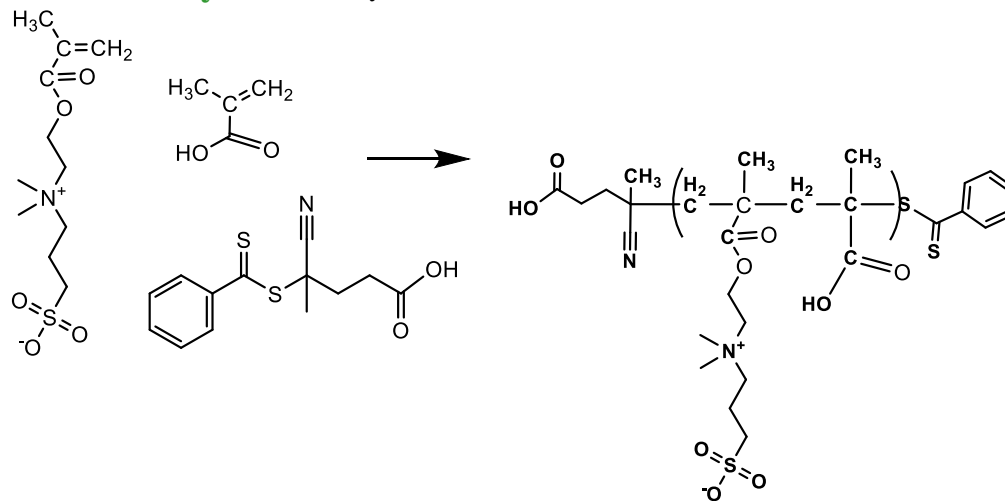
Product Chemical Architecture:



Composition:

Mn x 10 ³	Mw/Mn (PDI)	Composition DMAP:MAA
4.0	1.7	67:33
DP: DMAPS-MAA 13-7		

Method of Synthesis: By RAFT Process



Solubility in different solvents

THF	X	DMSO	√
CHCl3	X	DMF	√
Water	√	Acetone	X

Purification of Polymer: By Soxhlet extraction of unreacted RAFT

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

B. NMR (HNMR) of polymer:

