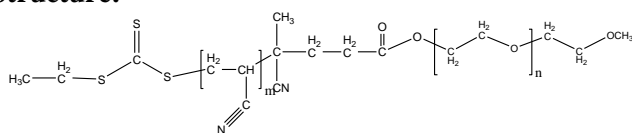


Sample Name: Poly (ethylene oxide-b-acrylonitrile)

Sample #: P41461-EOACN

Structure:



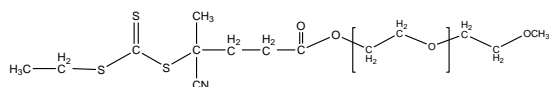
Composition:

Mn x 10 ³ PEO-b-PACN	PDI
30.0-b-54.0	1.38
Color of the polymer	Ivory

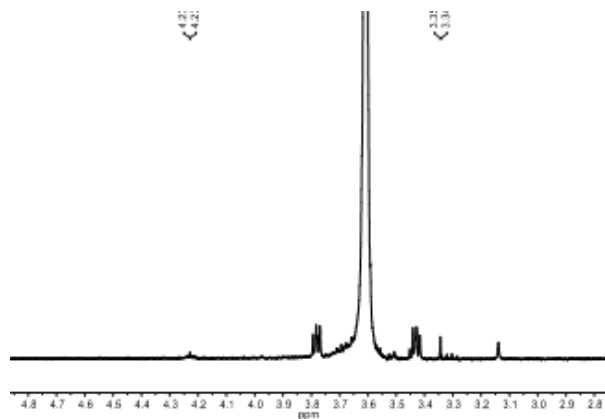
Synthesis procedure:

The polymer was synthesized by RAFT polymerization process.

mPEG-RAFT structure:



HNMR of the mPEG-RAFT (lot#P41461)



Characterization:

The product was characterized by size exclusion chromatography (SEC) and ¹H NMR.

Solubility:

The polymer is soluble in DMF.

HNMR of block copolymer run in DMF:

