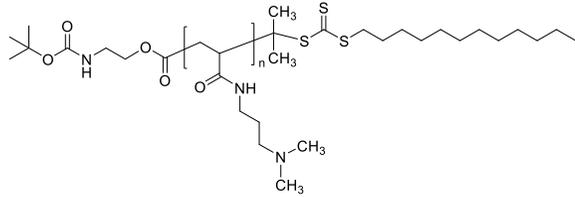


Sample Name:

Boc Amino protected poly (dimethylamino propyl) acrylamide

Sample # **P41780A-DMAPAMD**

Structure:



Composition:

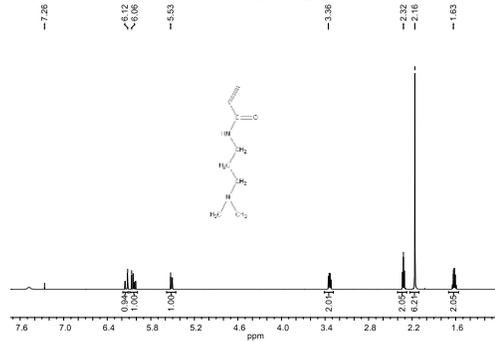
$M_n \times 10^3$	PDI
6.0	1.35

Dp:38 units

Synthesis Procedure:

The polymer was synthesized by RAFT polymerization process.

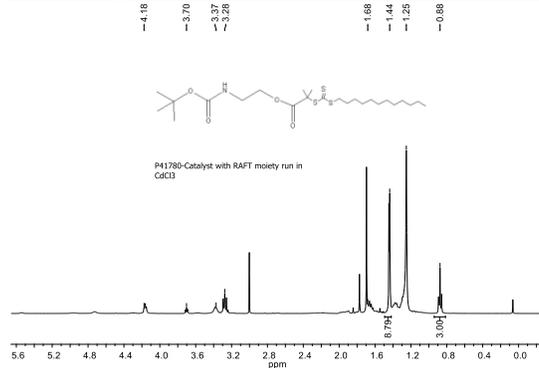
N(3-dimethylamino)propyl acrylamide



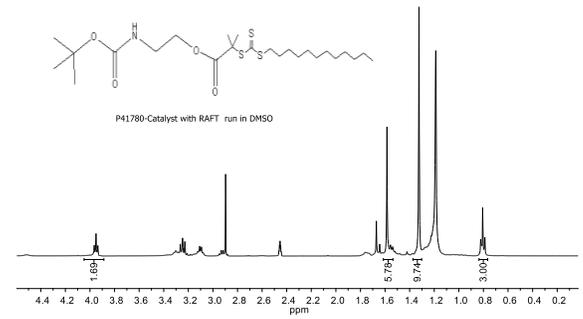
Characterization:

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

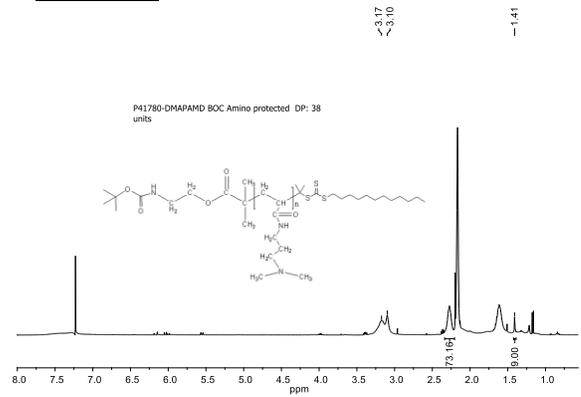
HNMR spectrum of the Catalyst in CdCl3:



HNMR spectrum of the Catalyst in DMSO:



BOC amino Protected POLY DMAPAMD run in CdCl3:



SEC elugram of Homopolymer:

P41780-DMAPAMD before Zwitter ionic polymer

dn/dc	0.0770
Flow	0.7000
Solvent	DMF with LiBr
Method	PSS column-PMMA60K-Jan3-2019-0002.vcm

