

Sample Name:

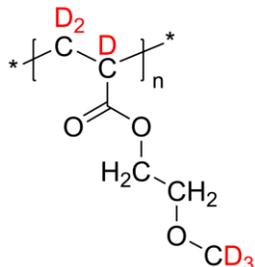
Deuterated Poly(2-methoxyethyl acrylate-d6)

or

Deuterated Poly(d6-Methoxy ethylene glycol-acrylate)

Sample #: P43833B-d6MeOEA

Structure:

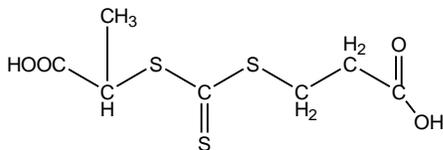


Composition:

$M_n \times 10^3$	PDI
47	1.8

Synthesis Procedure:

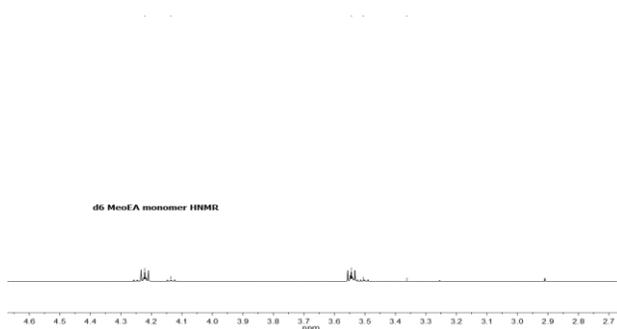
The polymer was synthesized by RAFT polymerization process using following RAFT reagent.



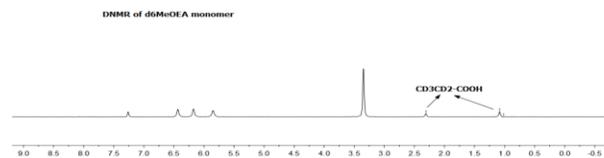
Characterization:

The product was characterized by size exclusion chromatography (SEC), ^1H NMR and ^2H NMR data analysis.

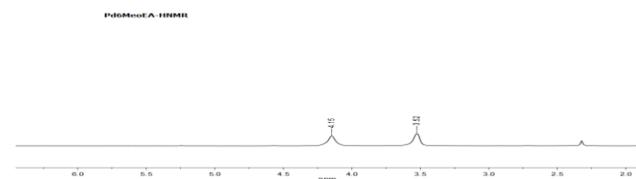
^1H -NMR spectrum of the monomer:



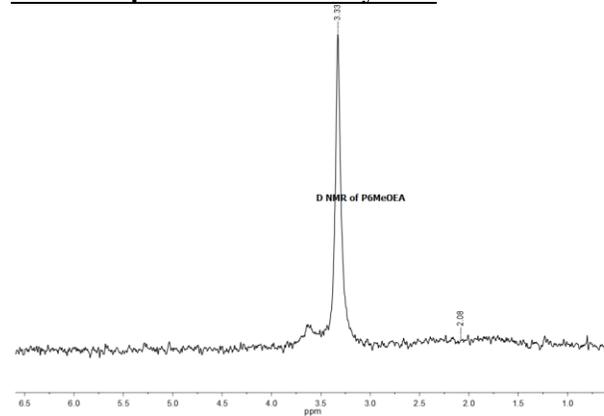
D-NMR spectrum of the monomer:



^1H -NMR spectrum of the polymer:



D-NMR spectrum of the Polymer:



SEC elugram of Homopolymer:

