

Sample Name:

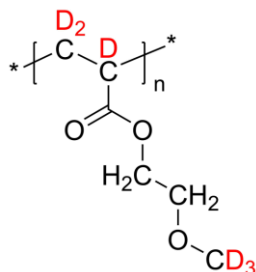
Deuterated Poly(2-methoxyethyl acrylate-d6)

or

Deuterated Poly(d6-Methoxy ethylene glycol-acrylate)

Sample #: **P43833B-d6MeOEA**

Structure:

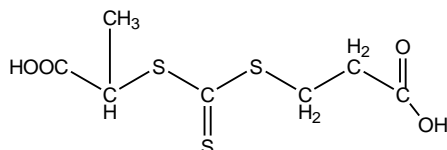


Composition:

Mn x 10 ³	PDI
47	1.8

Synthesis Procedure:

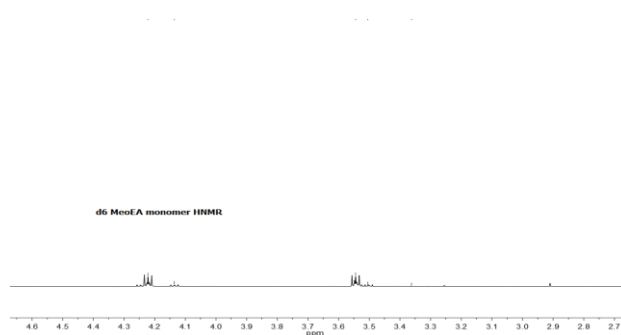
The polymer was synthesized by RAFT polymerization process using following RAFT reagent.



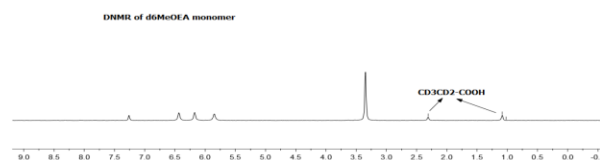
Characterization:

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

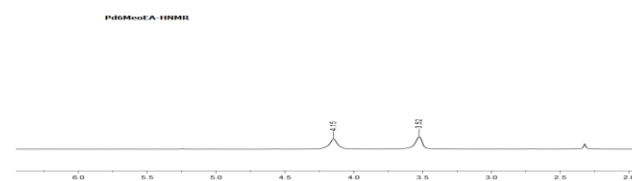
¹H-NMR spectrum of the monomer:



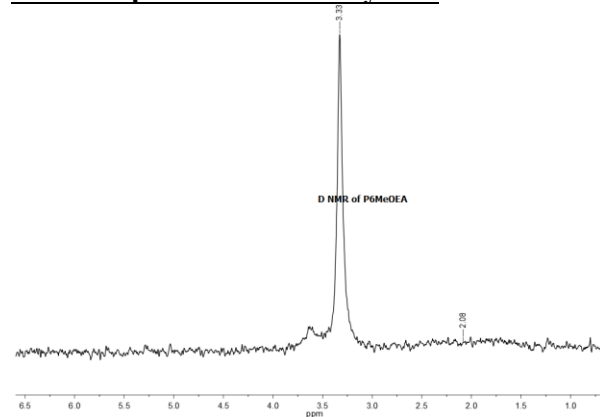
D-NMR spectrum of the monomer:



¹H-NMR spectrum of the polymer:



D-NMR spectrum of the Polymer:



SEC elugram of Homopolymer:

