

Sample Name:

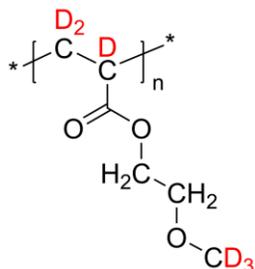
**Deuterated Poly(2-methoxyethyl acrylate-d6)**

**or**

**Deuterated Poly(d6-Methoxy ethylene glycol-acrylate)**

Sample #: P43828F4-d6MeOEA

**Structure:**

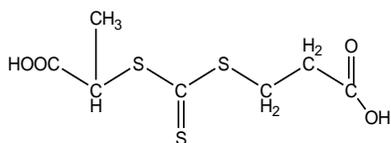


**Composition:**

Mn x 10 <sup>3</sup>	PDI
10	1.10

**Synthesis Procedure:**

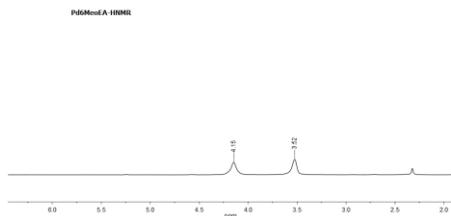
The polymer was synthesized by RAFT polymerization process using following Reagent.



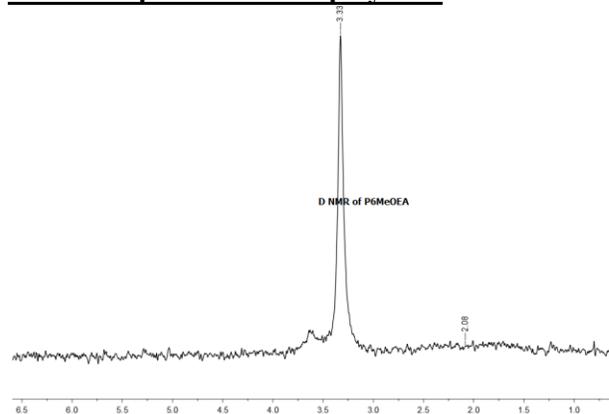
**Characterization:**

The product was characterized by size exclusion chromatography (SEC) and <sup>1</sup>H NMR and DNMR data analysis.

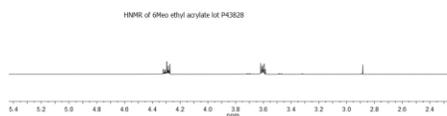
**<sup>1</sup>H-NMR spectrum of the polymer:**



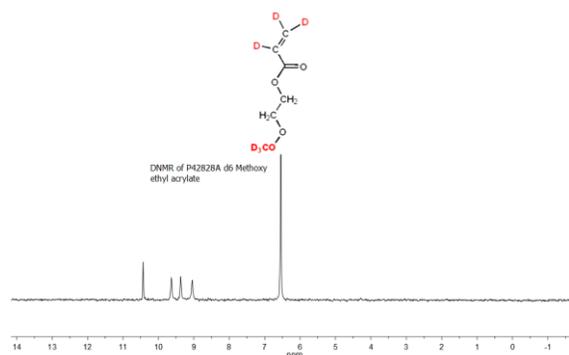
**<sup>2</sup>H-NMR spectrum of the polymer:**



**DNMR of d6- Methoxy Ethyl acrylate Monomer:**



**D-NMR spectrum of the monomer:**



**SEC elugram of Homopolymer:**

