Inhibition of fibrous dysplasia via blocking Gsa with

sodium loaded by alendronate-conjugated suramin

polymeric drug delivery system

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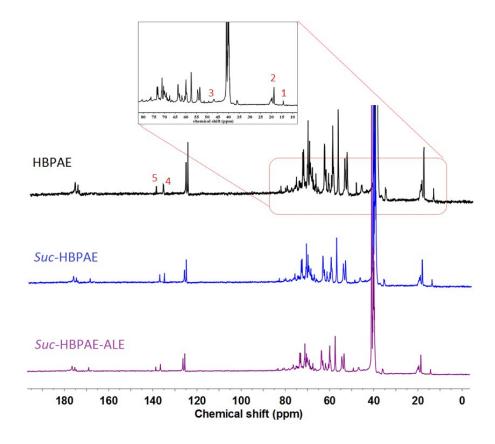
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## Terminal units Linear units w-C\*-CH₂-ÇH-OH **Dendritic units** 2 1 WO-CH<sub>2</sub>-CH<sub>2</sub>-OM 23 CH<sub>3</sub> WO-CH<sub>2</sub>-CH<sub>2</sub>-OM 25 CH<sub>2</sub>-CM 25 CH<sub>2</sub>-CH<sub>2</sub>-OM C=O D2

Figure S1. The structure units of HBPAE.



**Figure S2.** The  $^{13}$ C NMR spectra of HBPAE, Suc-HBPAE and Suc-HBPAE-ALE in  $D_2O$ .

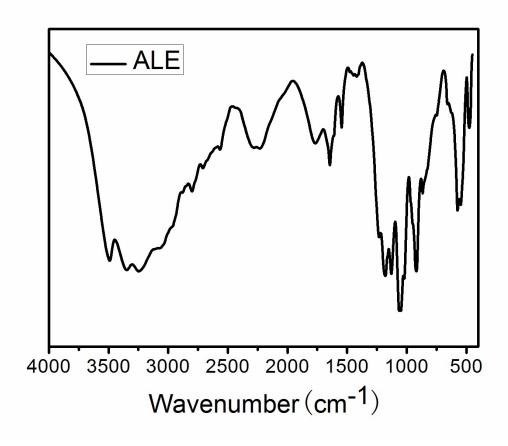


Figure S3. The FTIR spectrum of ALE.