

Figure.3-1 <sup>1</sup>H NMR Spectrum of Epoxy I

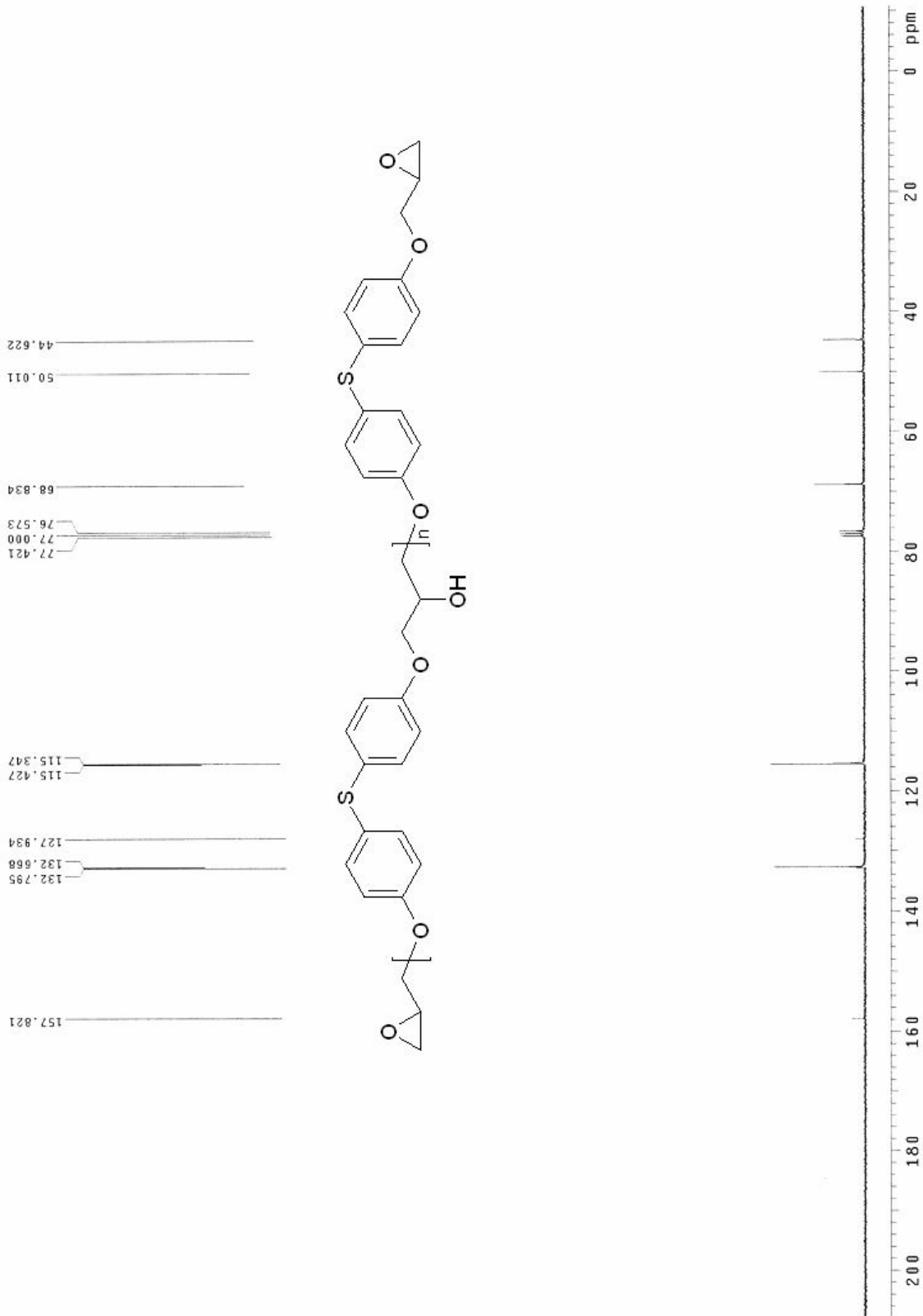


Figure.3-2 <sup>13</sup>C NMR Spectrum of Epoxy I

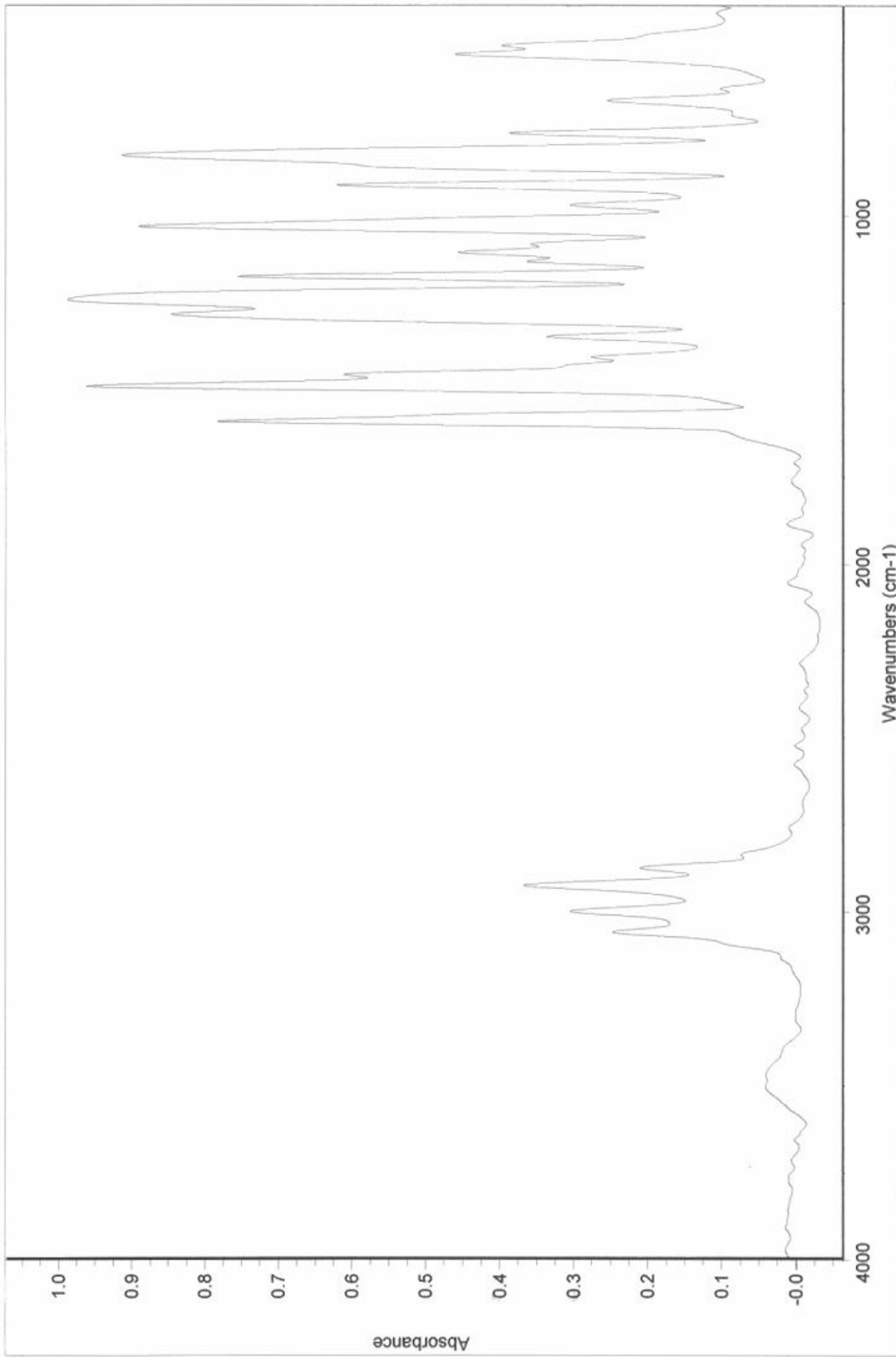


Figure.3-3 IR Spectrum of Epoxy I

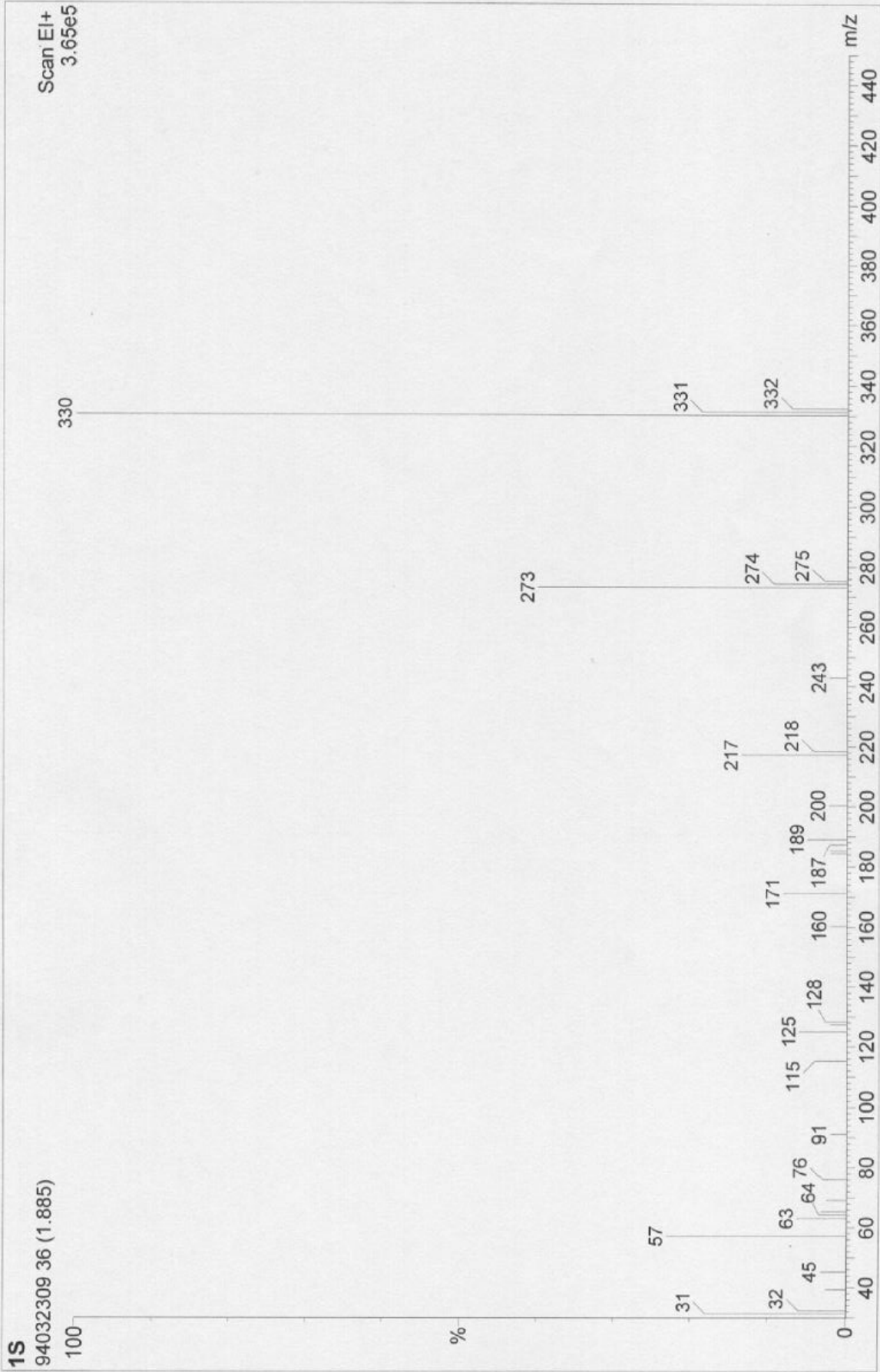


Figure. 3-4 MASS Spectrum of Epoxy I

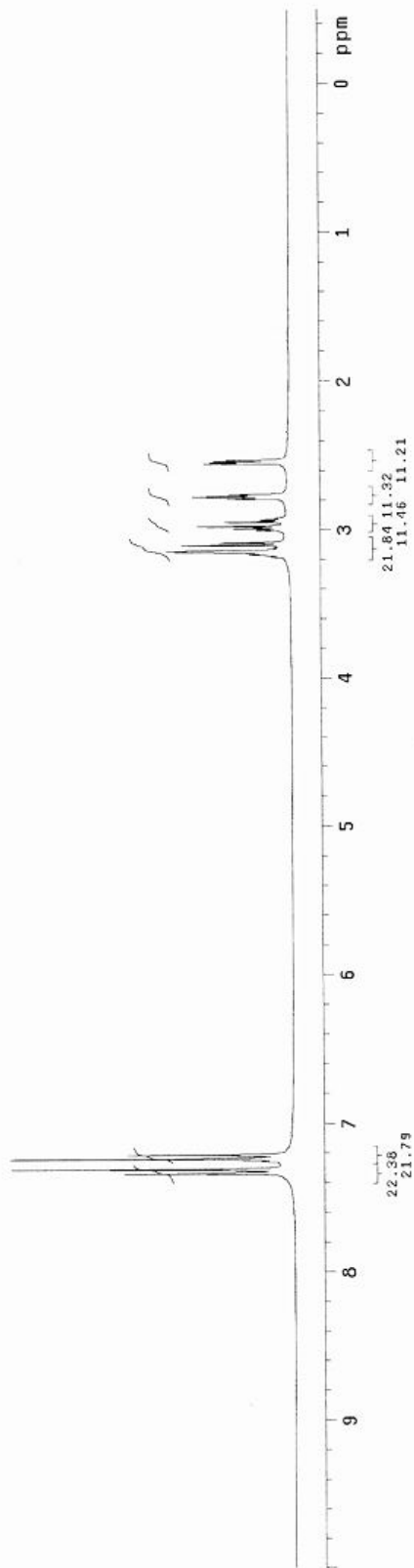
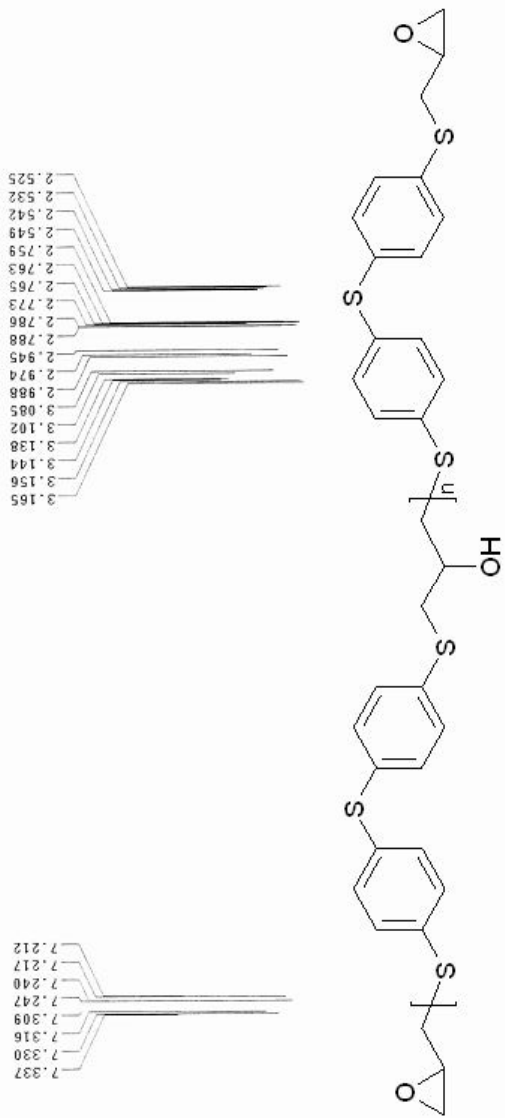


Figure.3-5  $^1\text{H}$  NMR Spectrum of Epoxy II

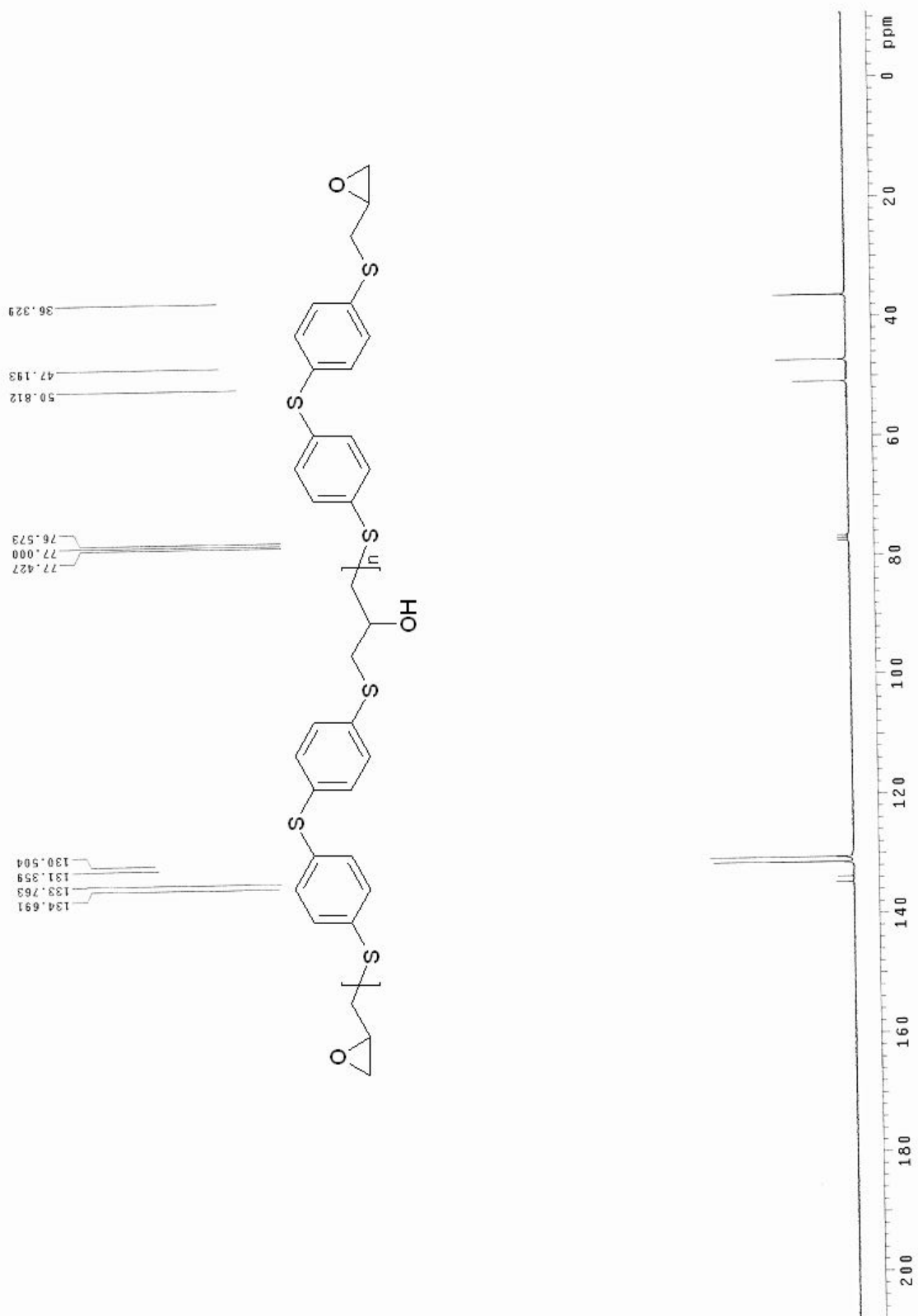


Figure 3-6 <sup>13</sup>C NMR Spectrum of Epoxy II

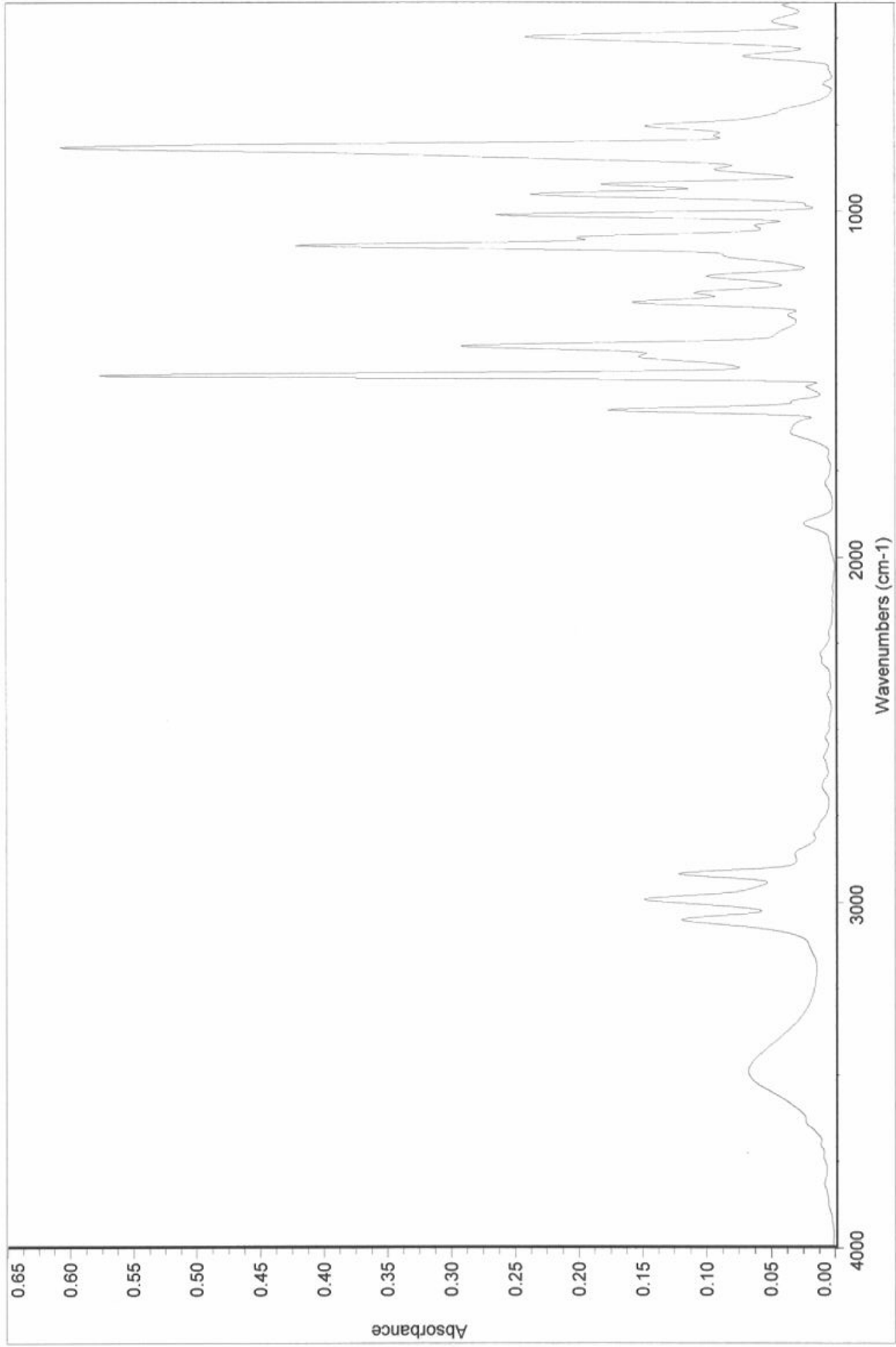


Figure.3-7 IR Spectrum of Epoxy II

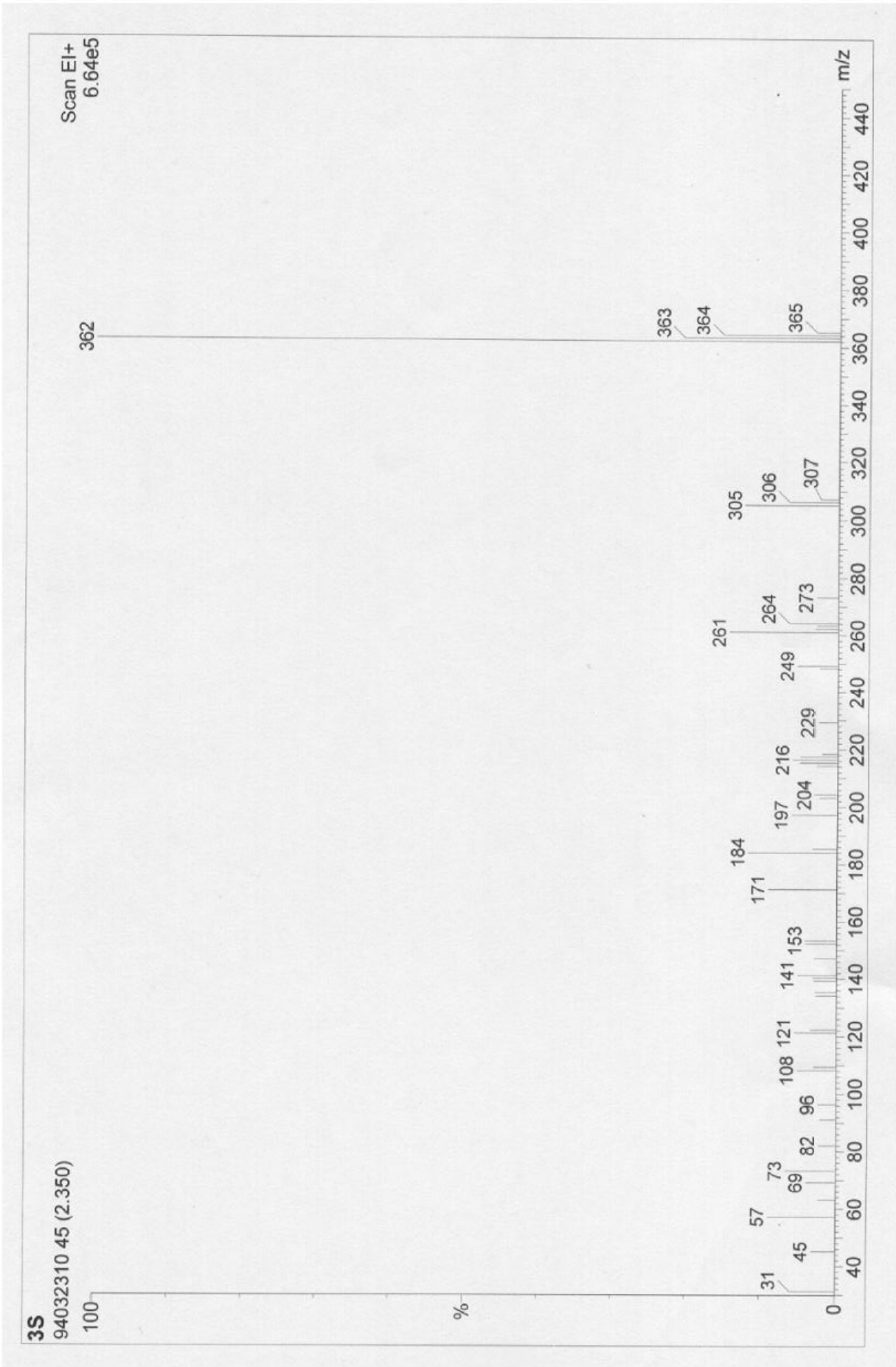


Figure.3-8 MASS Spectrum of Epoxy II



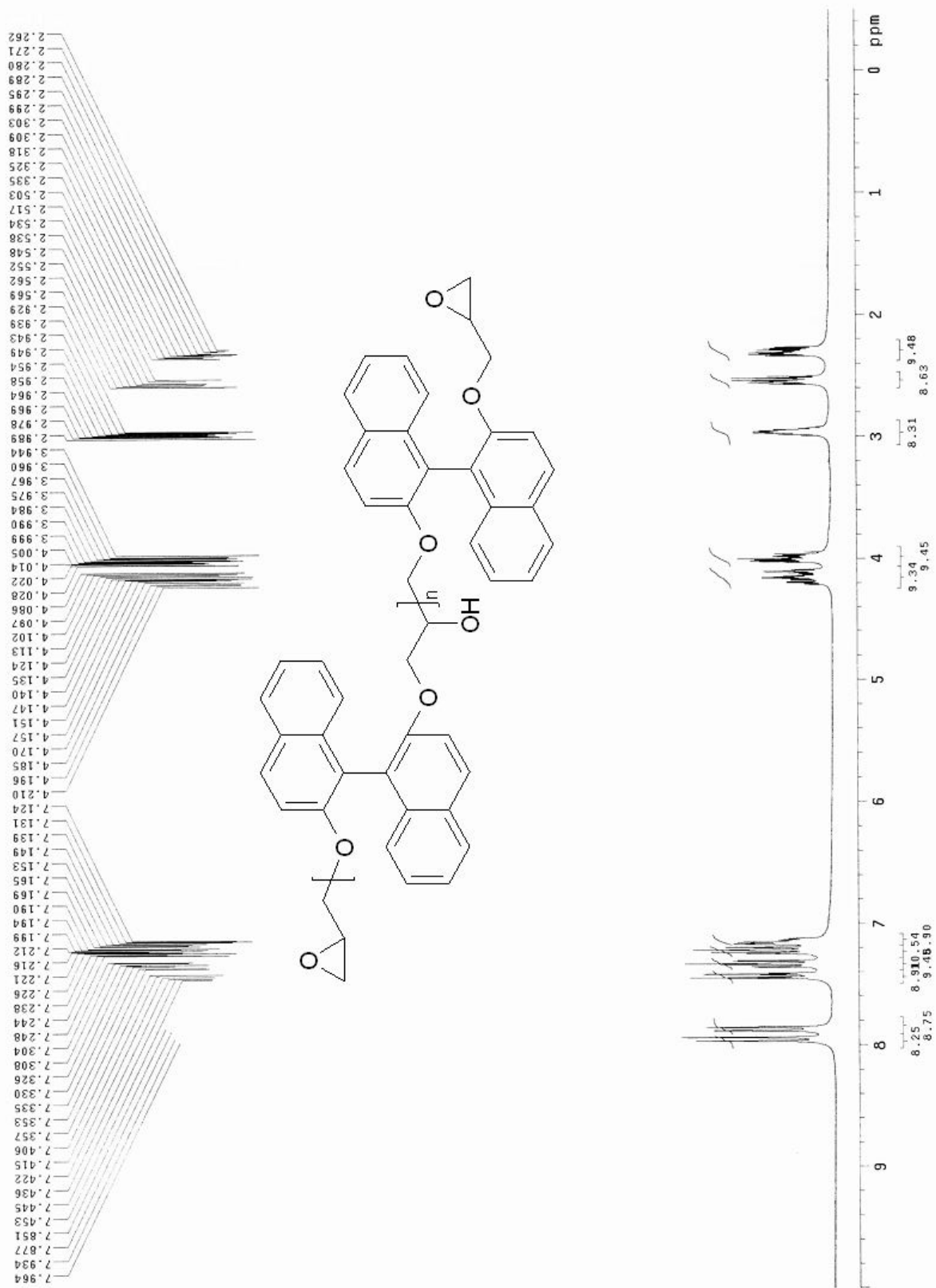


Figure.3-9 <sup>1</sup>H NMR Spectrum of Epoxy III

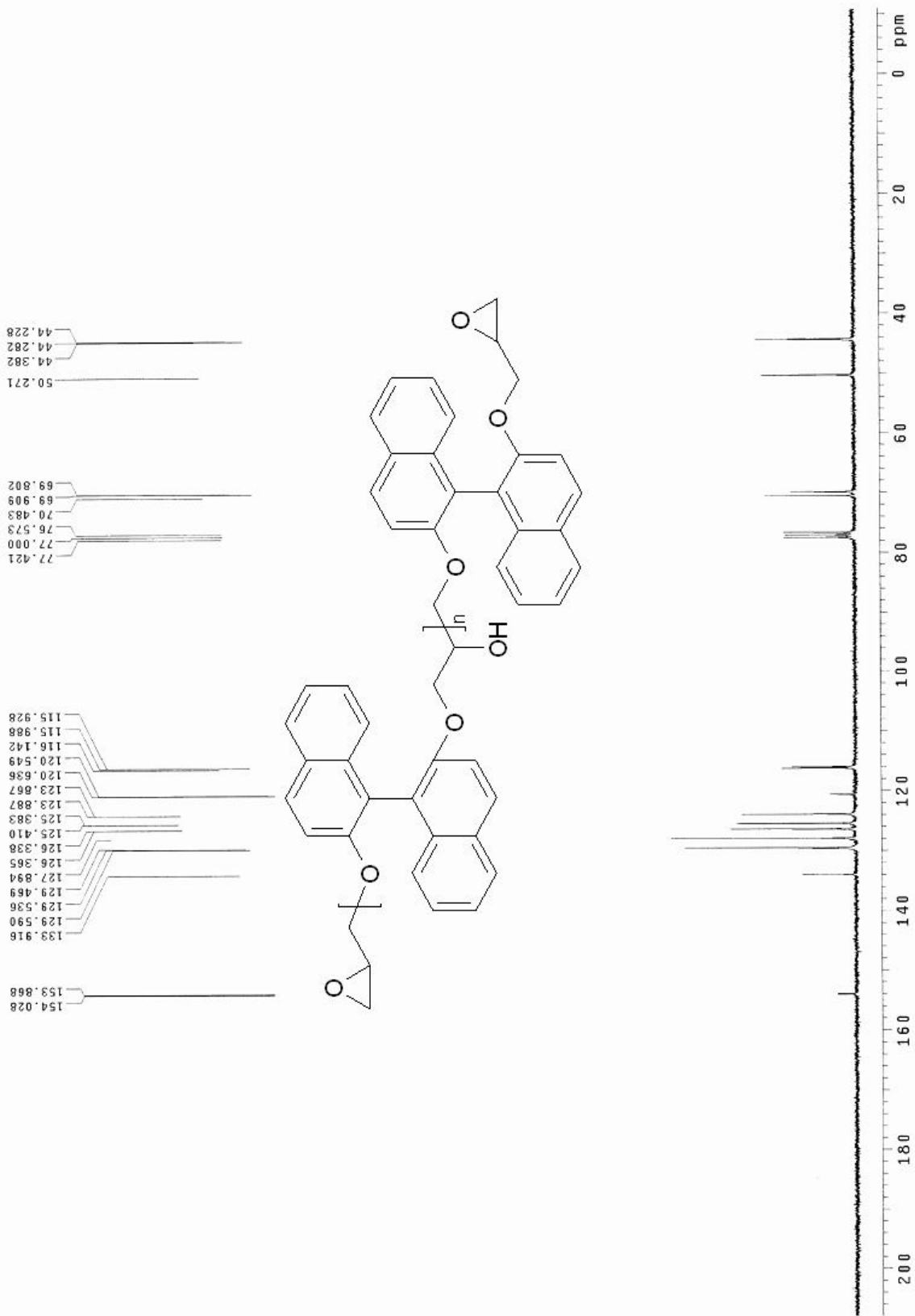


Figure.3-10 <sup>13</sup>C NMR Spectrum of Epoxy III

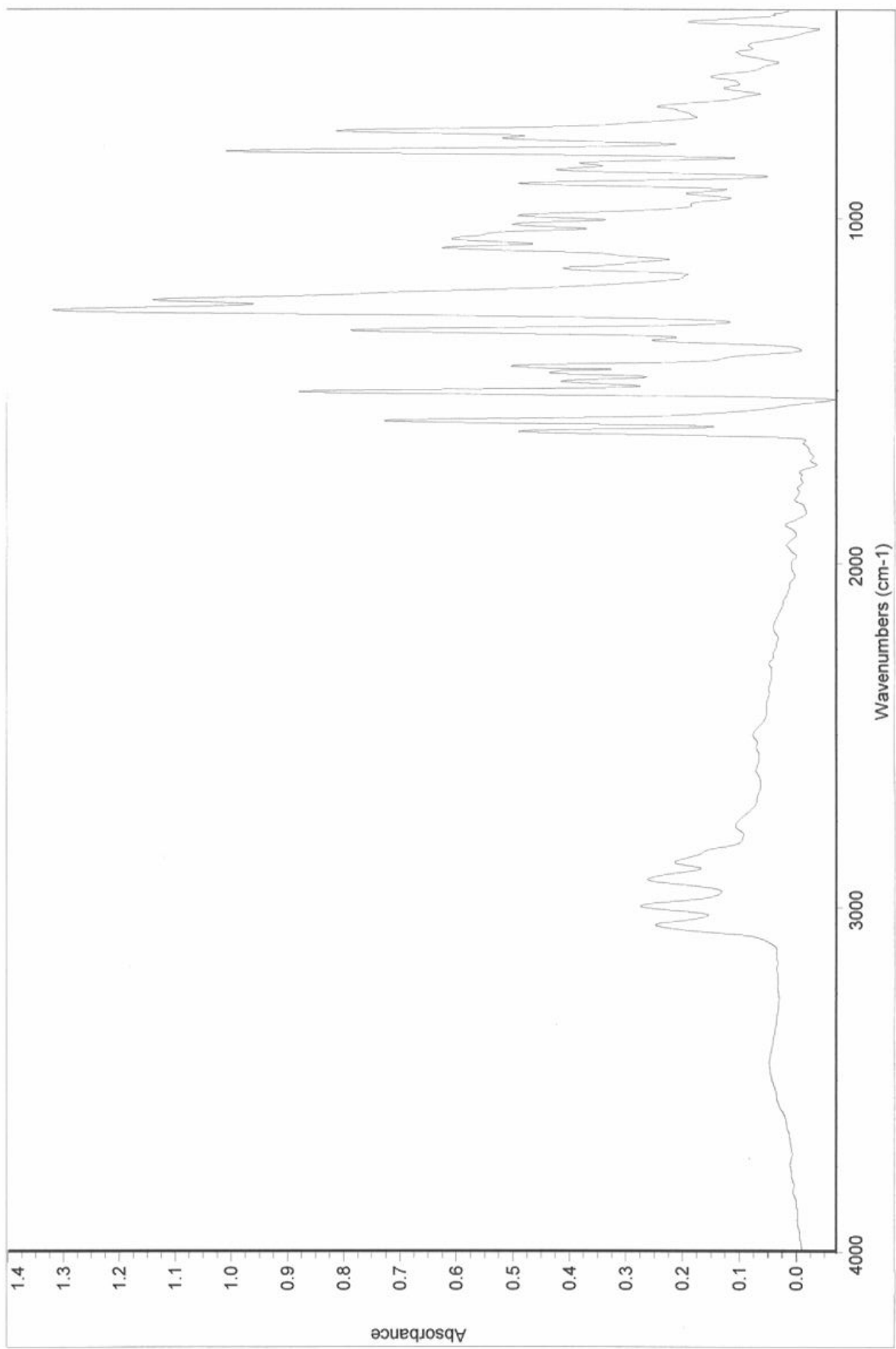


Figure.3-1-1 IR Spectrum of Epoxy III

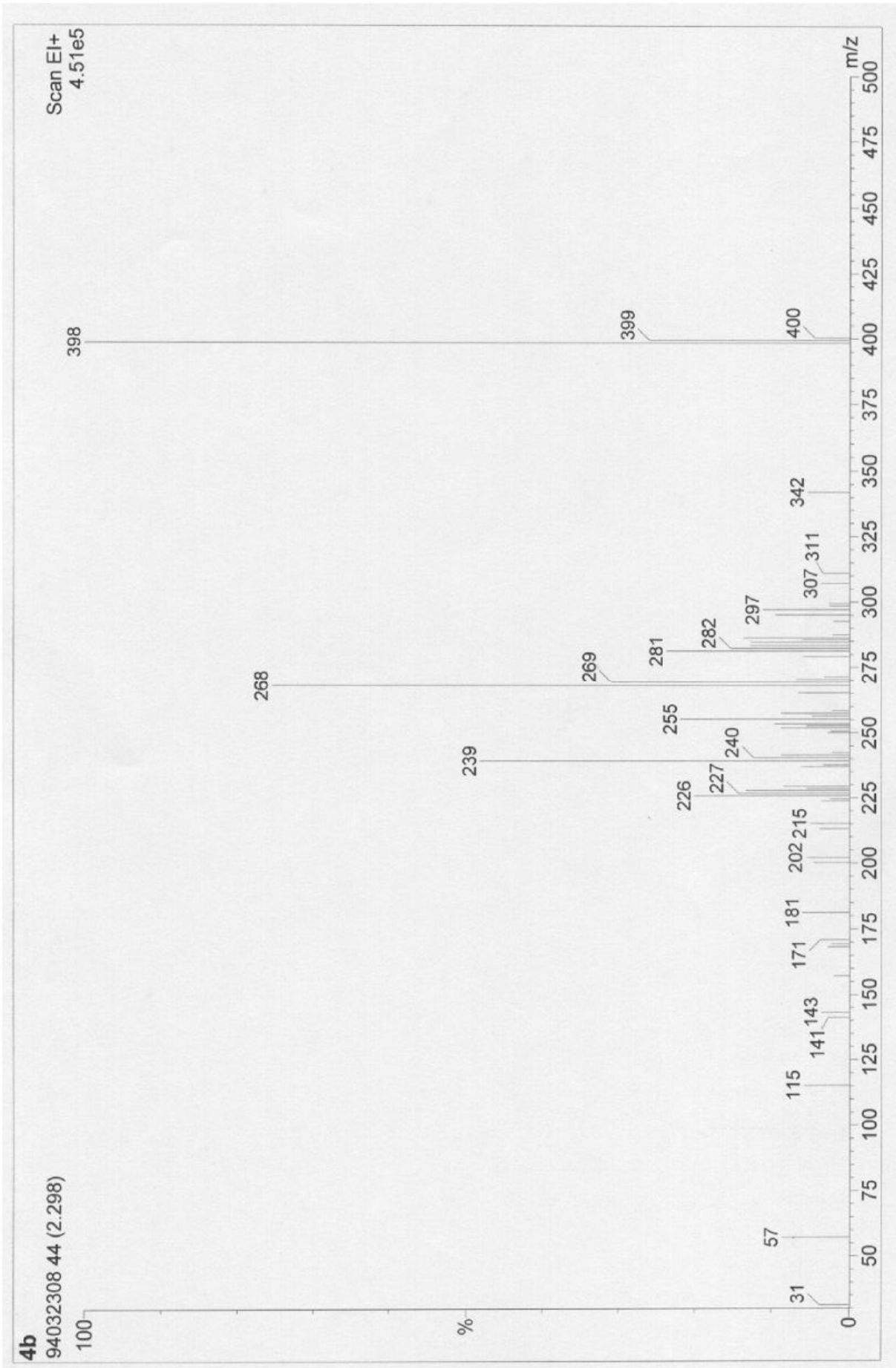


Figure 3-12 MASS Spectrum of Epoxy III

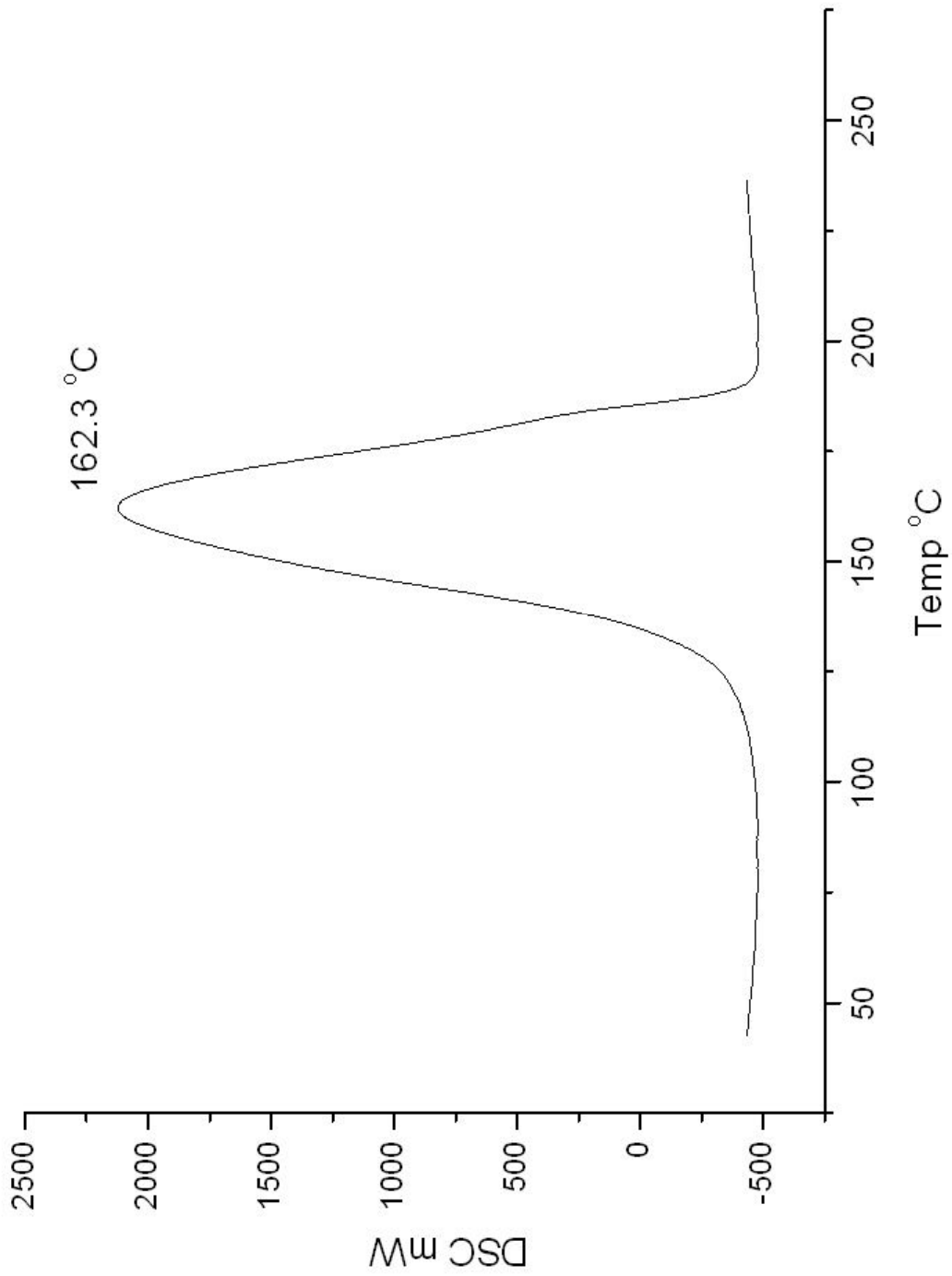


Figure. 3-13 Dynamic DSC Thermogram of System 1, 830LVP/Epoxy I /CA I = 1/0/1

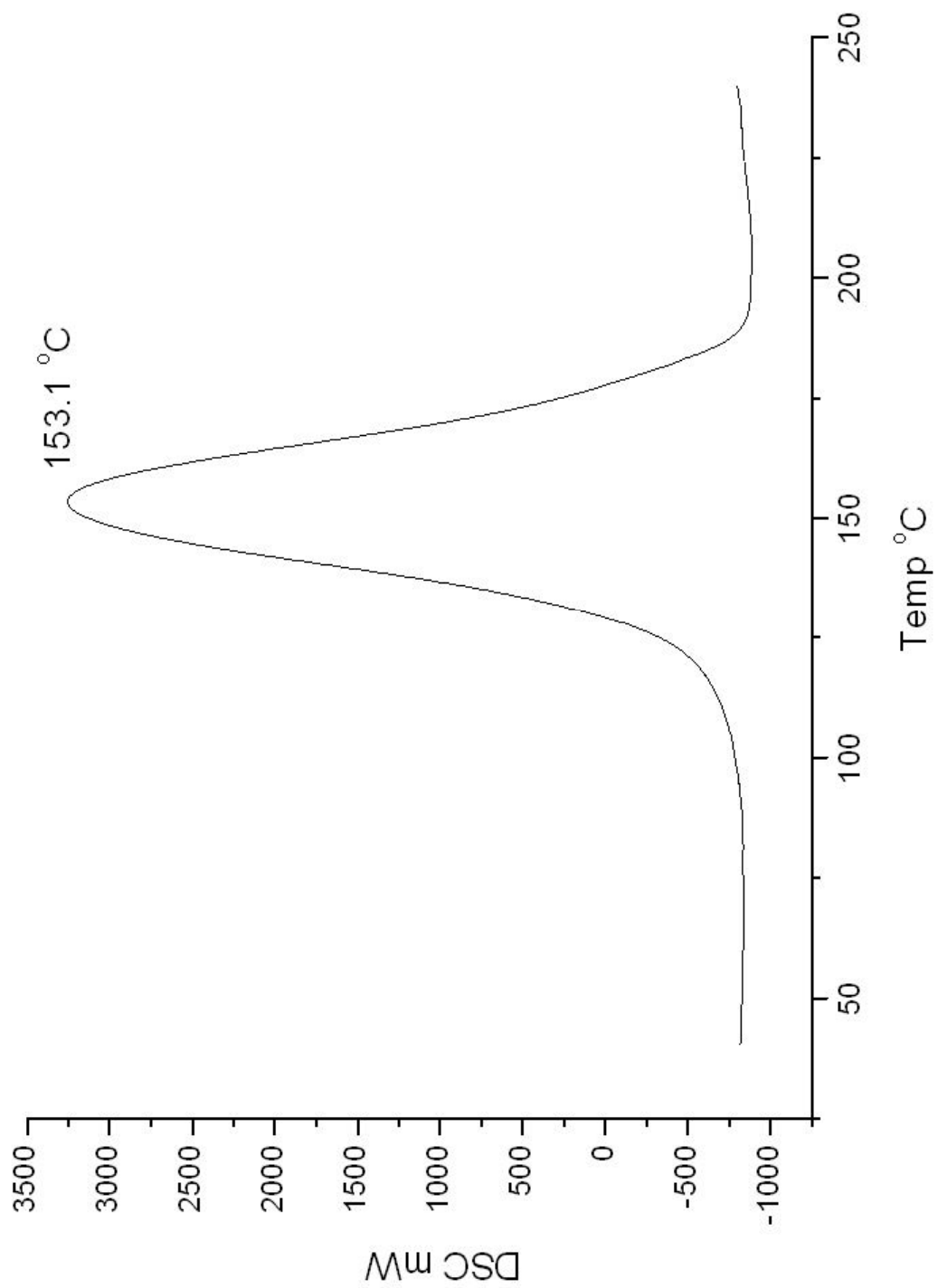


Figure. 3-14 Dynamic DSC Thermogram of System 1, 830LVP/Epoxy I /CA I = 0.75/0.25/1

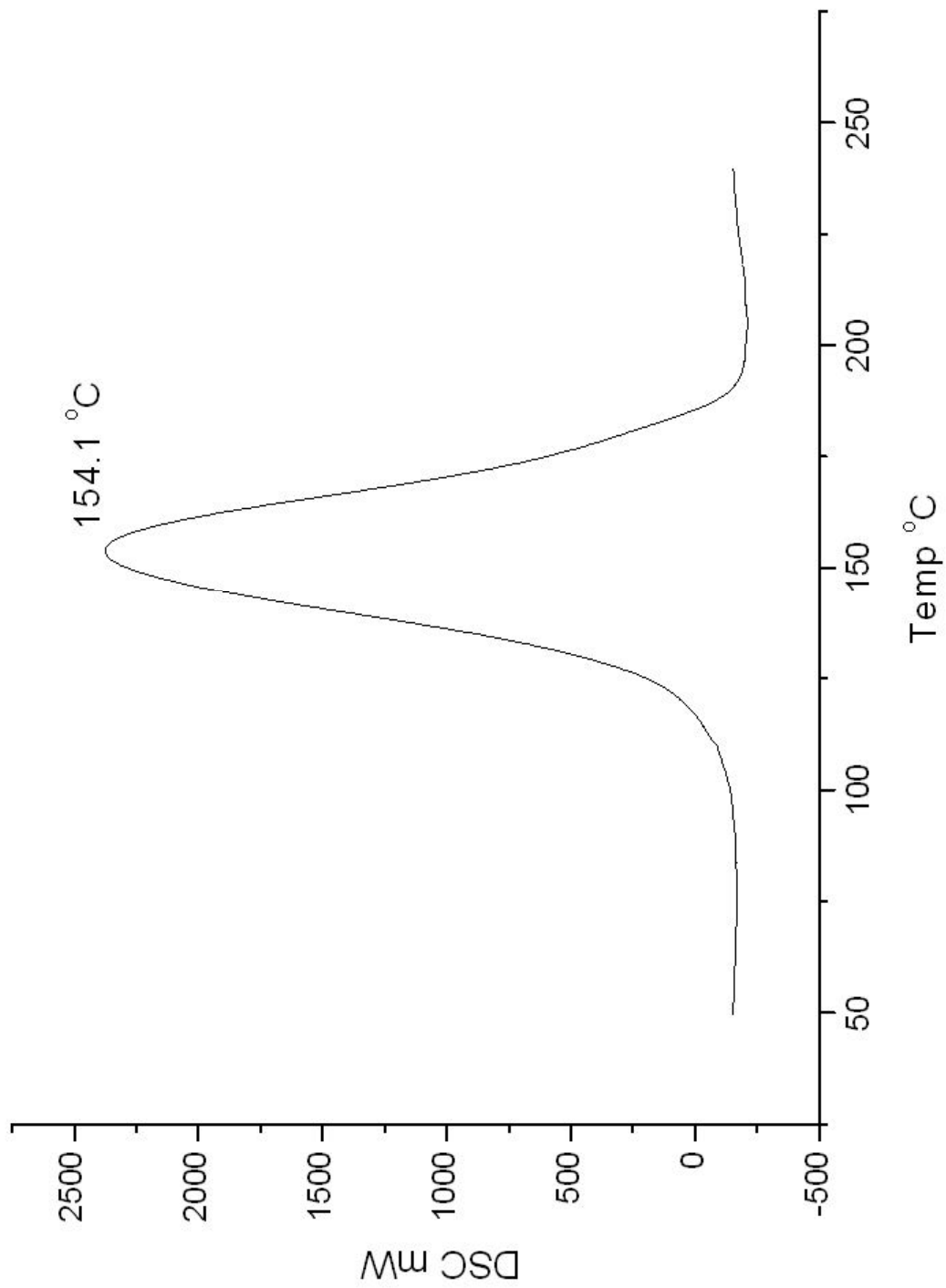


Figure. 3-15 Dynamic DSC Thermogram of System I, 830LVP/Epoxy I /CA I =0.5/0.5/1

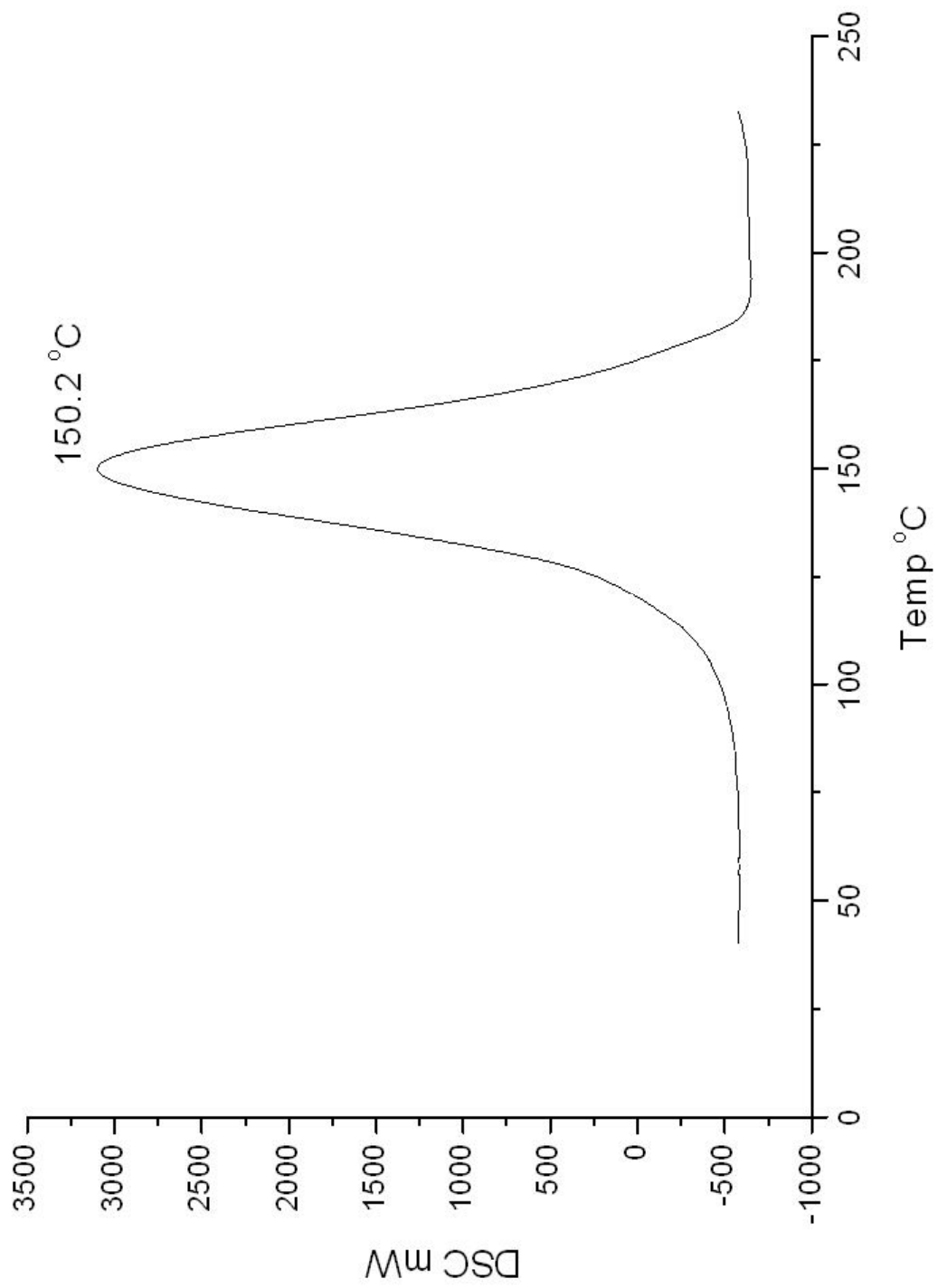


Figure. 3-16 Dynamic DSC Thermogram of System 1, 830LVP/Epoxy I /CA I = 0.25/0.75/1



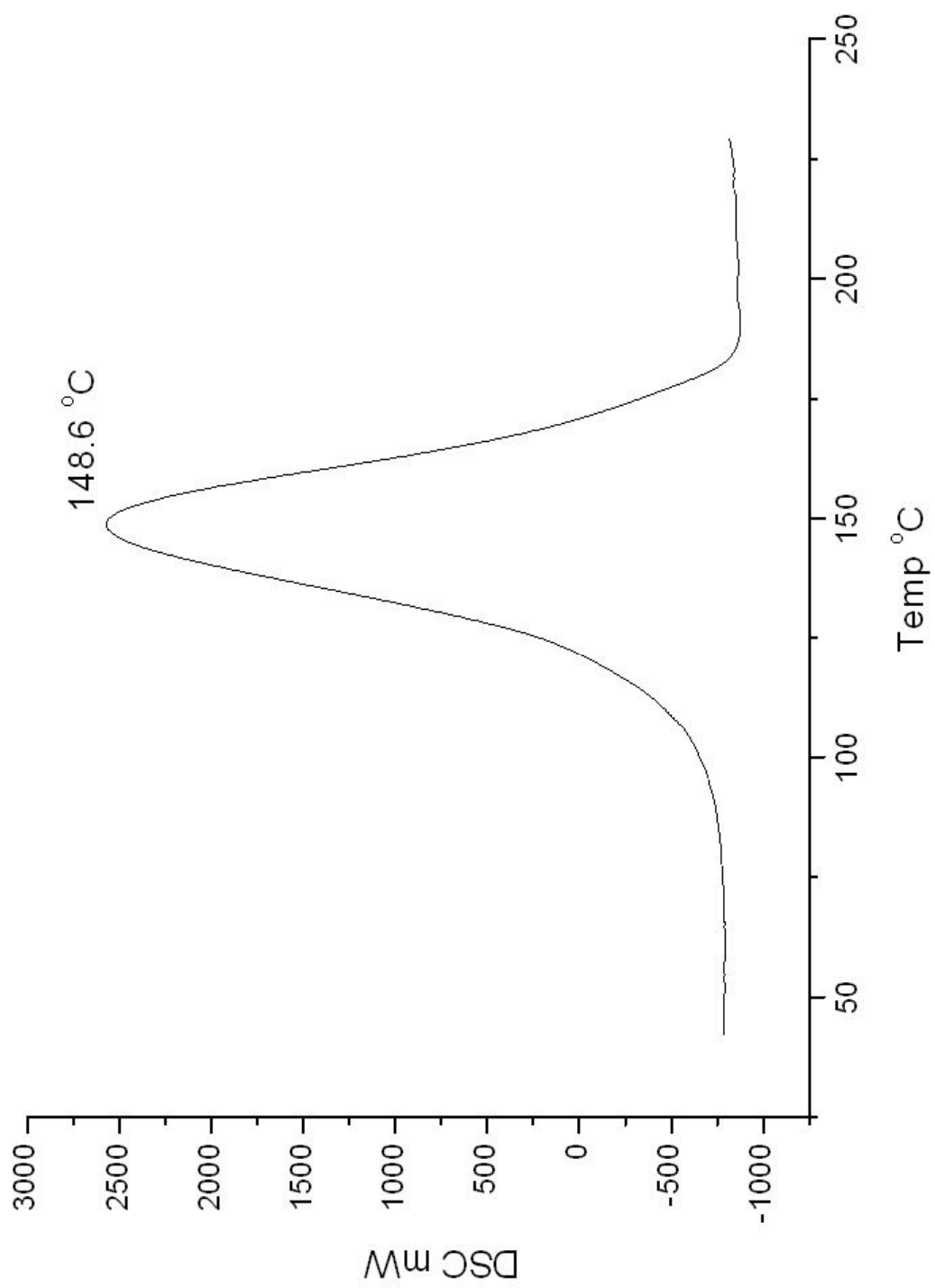


Figure. 3-17 Dynamic DSC Thermogram of System1, 830LVP/Epoxy I /CA I = 0/1/1

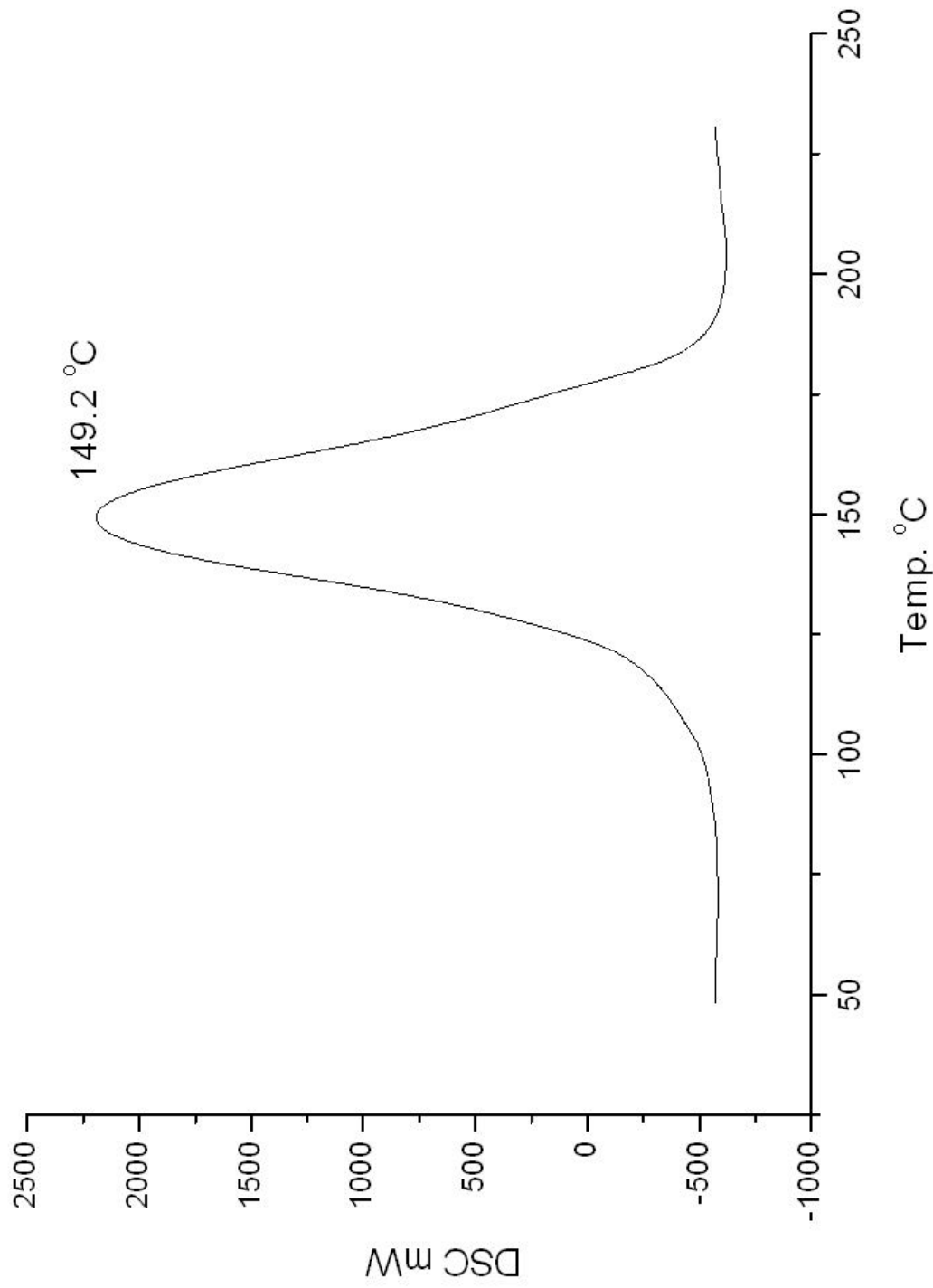


Figure. 3-18 Dynamic DSC Thermogram of System 2, 830LVP/Epoxy II /CA I =0.75/0.25/1

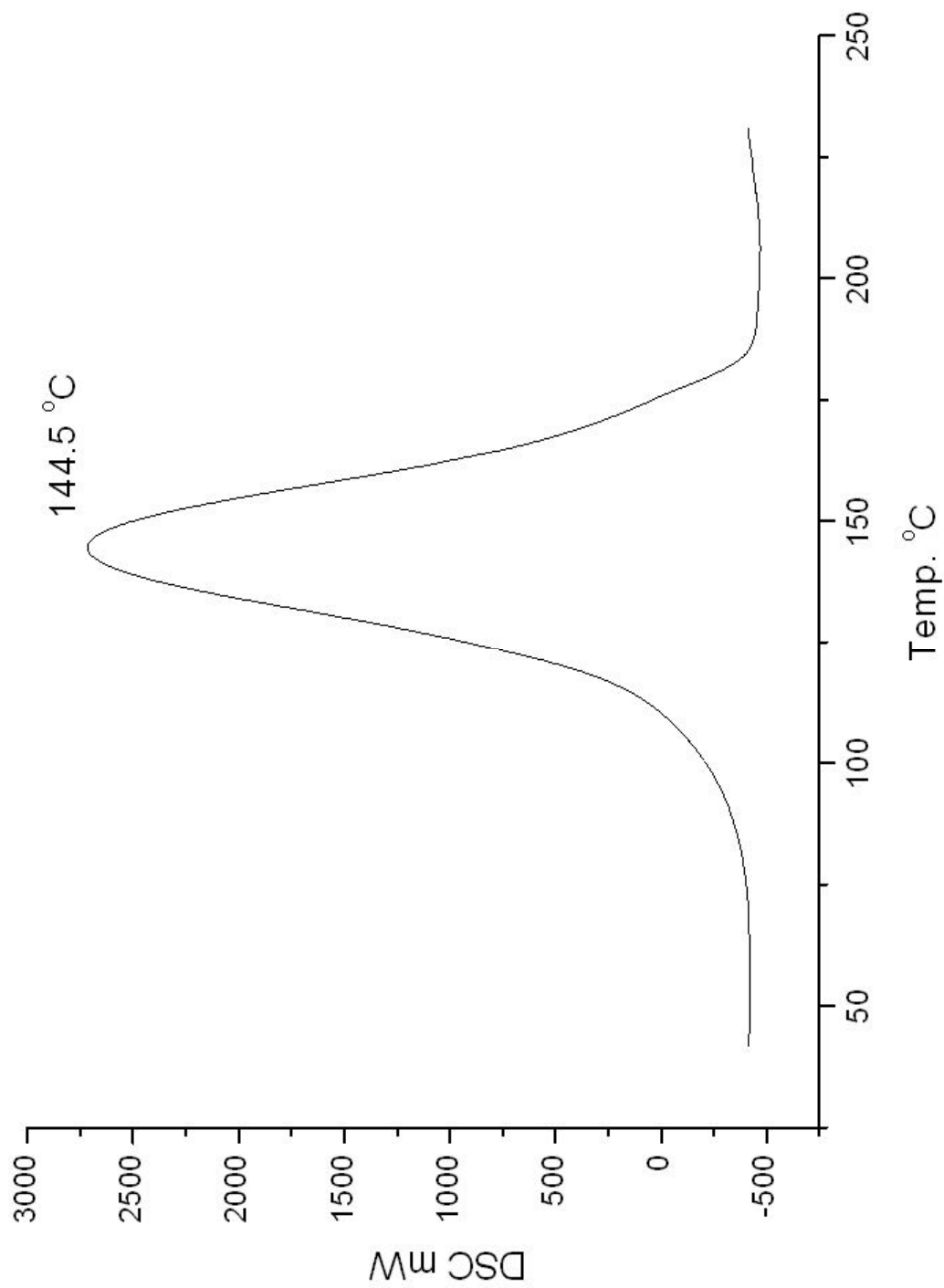


Figure. 3-19 Dynamic DSC Thermogram of System 2, 830LVP/Epoxy II/CA I = 0.5/0.5/1

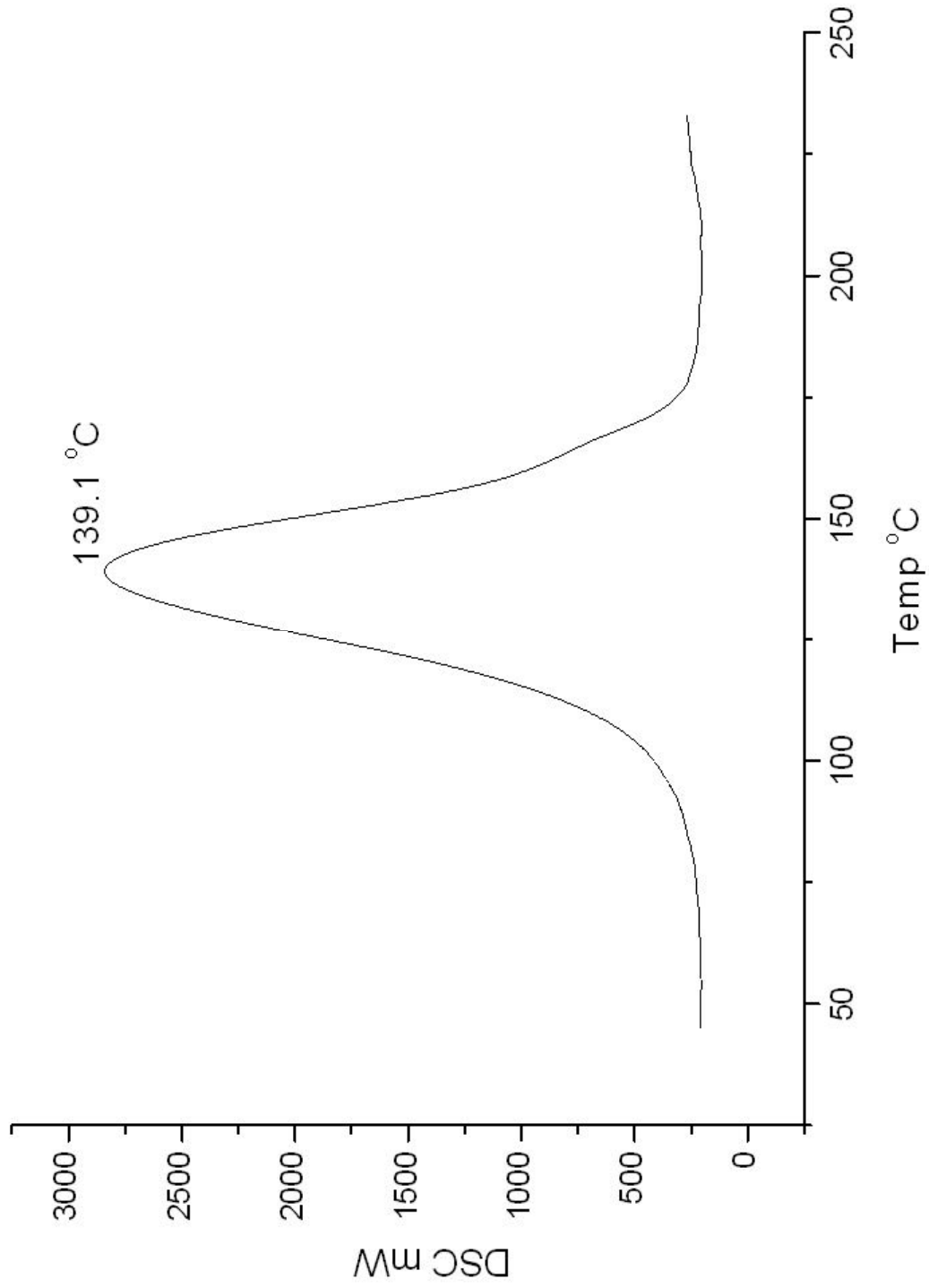


Figure. 3-20 Dynamic DSC Thermogram of System 2, 830LVP/Epoxy II/CA I = 0.25/0.75/1

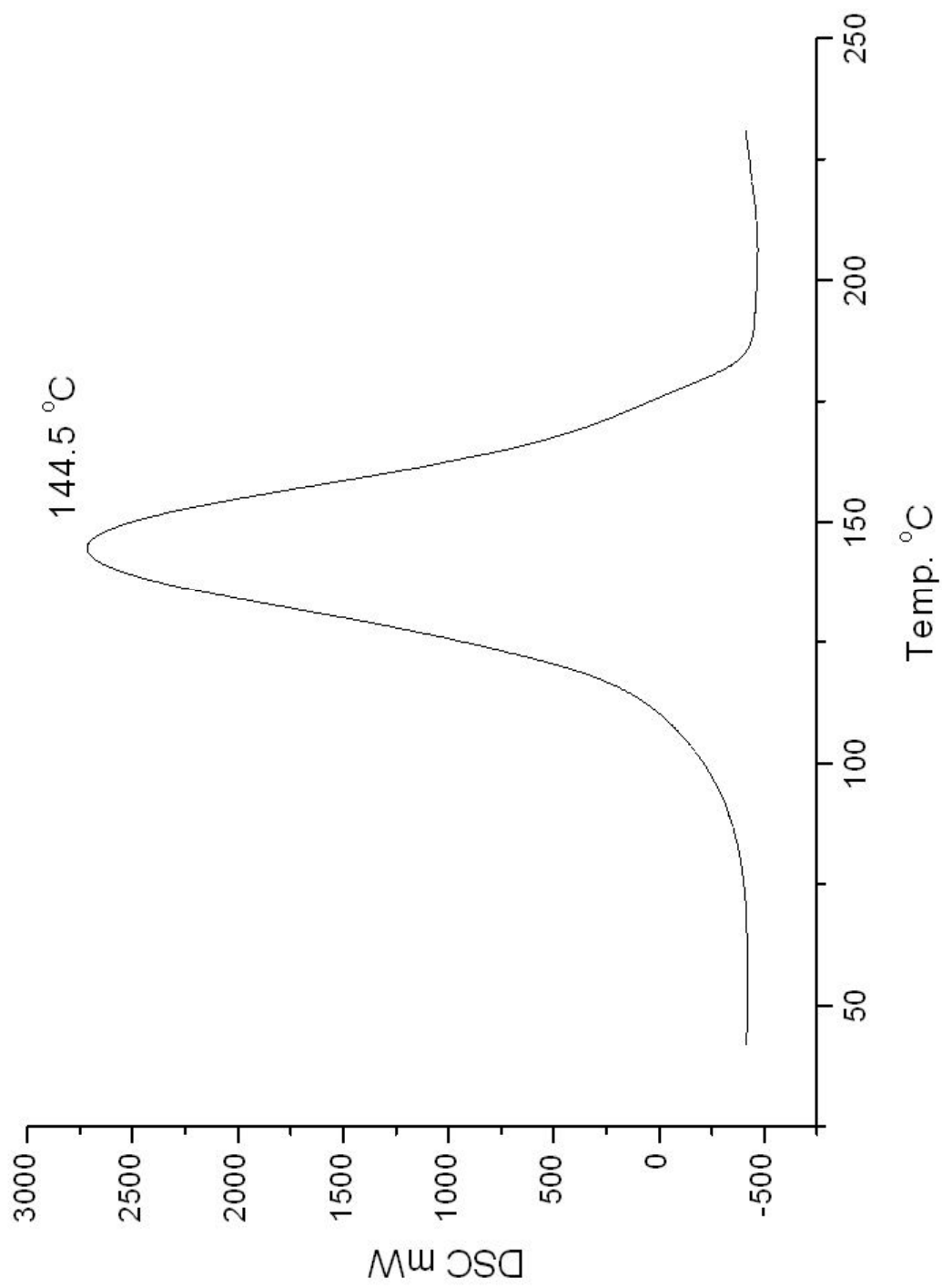


Figure. 3-21 Dynamic DSC Thermogram of System 2, 830LVP/Epoxy II /CA I = 0/I/I

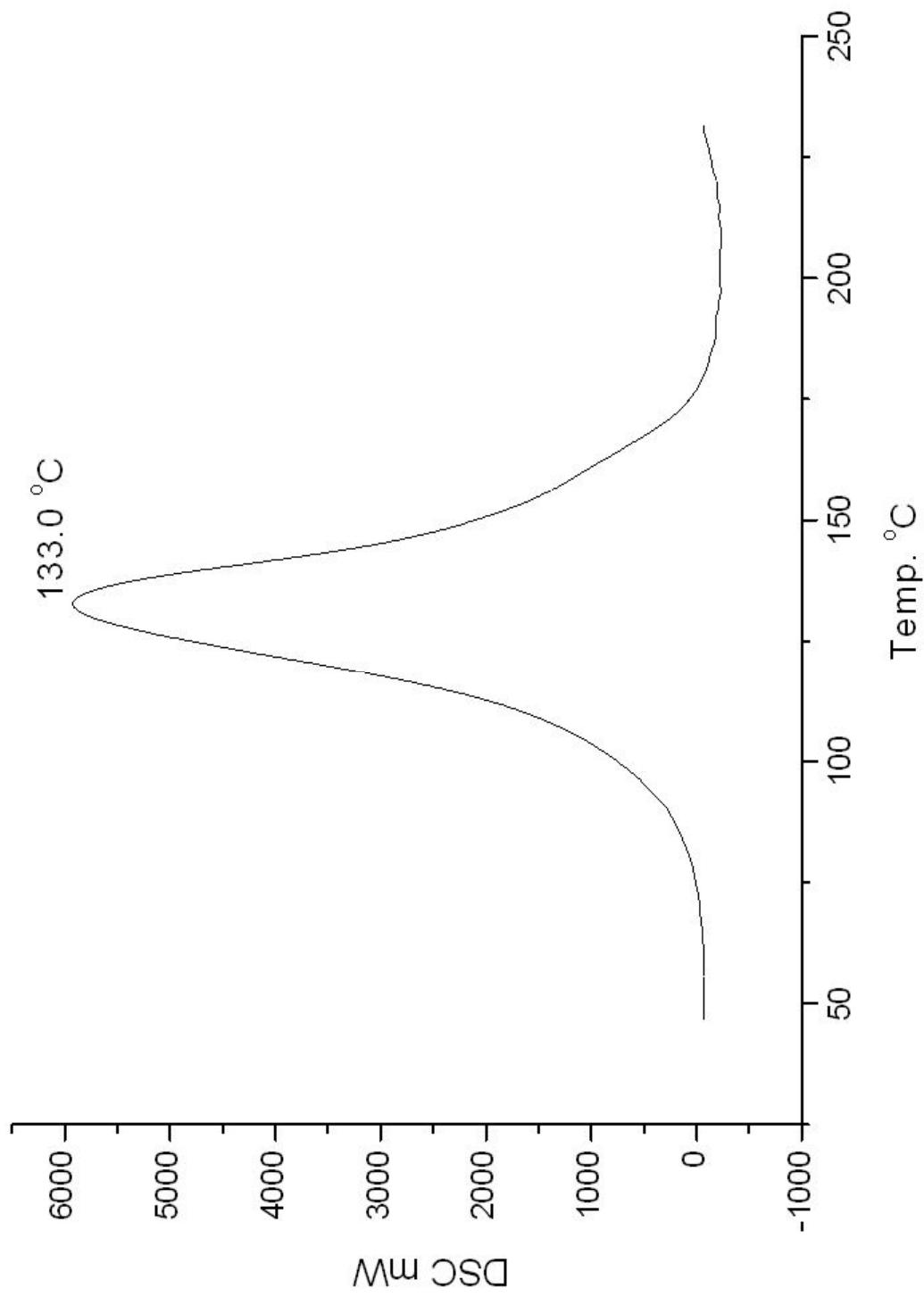


Figure. 3-22 Dynamic DSC Thermogram of System 3, Epoxy II /CA II /CA I = 1/0.1/0.9

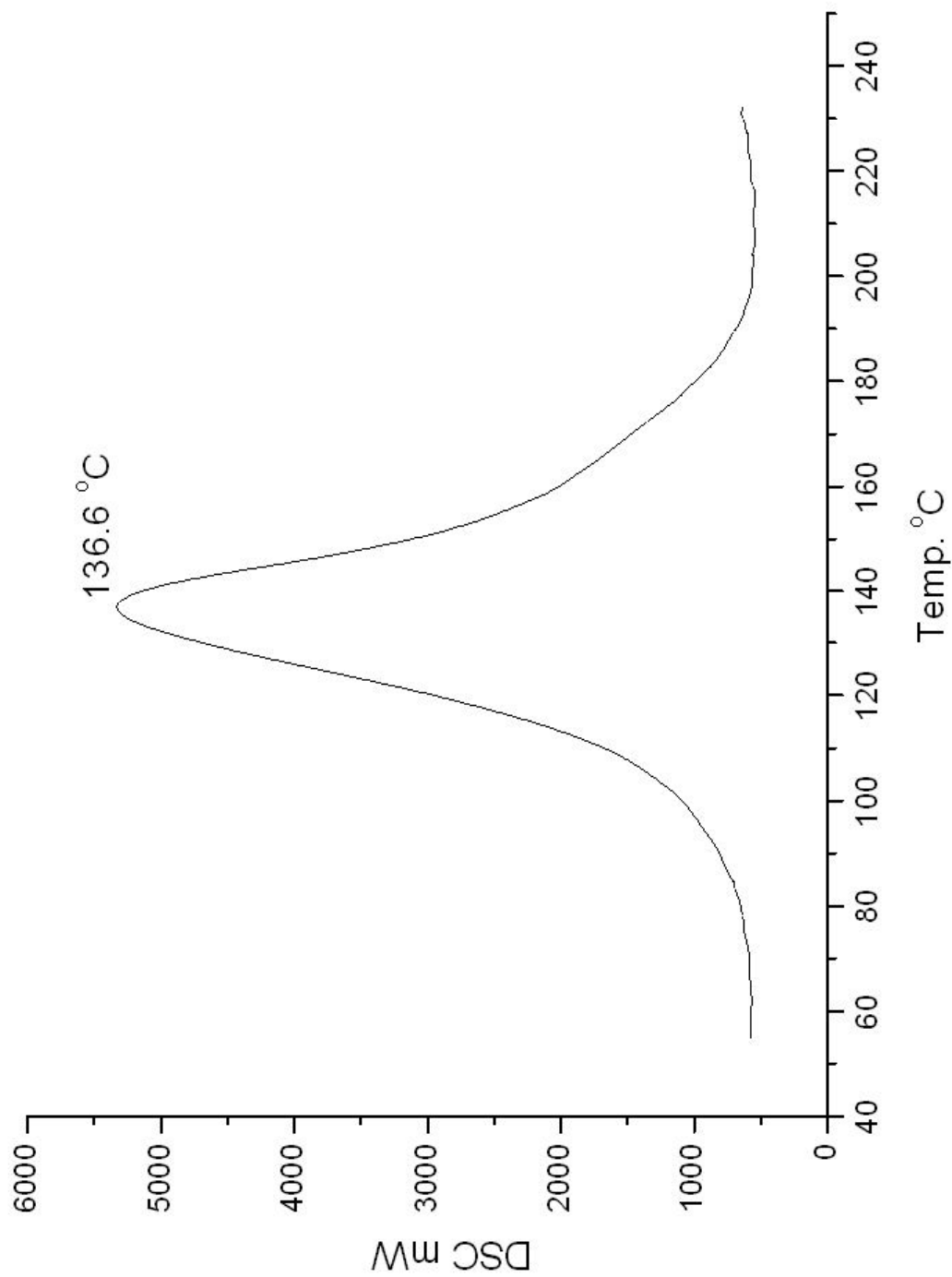


Figure. 3-23 Dynamic DSC Thermogram of System 3, Epoxy II/CA II/CA I = 1/0.25/0.75

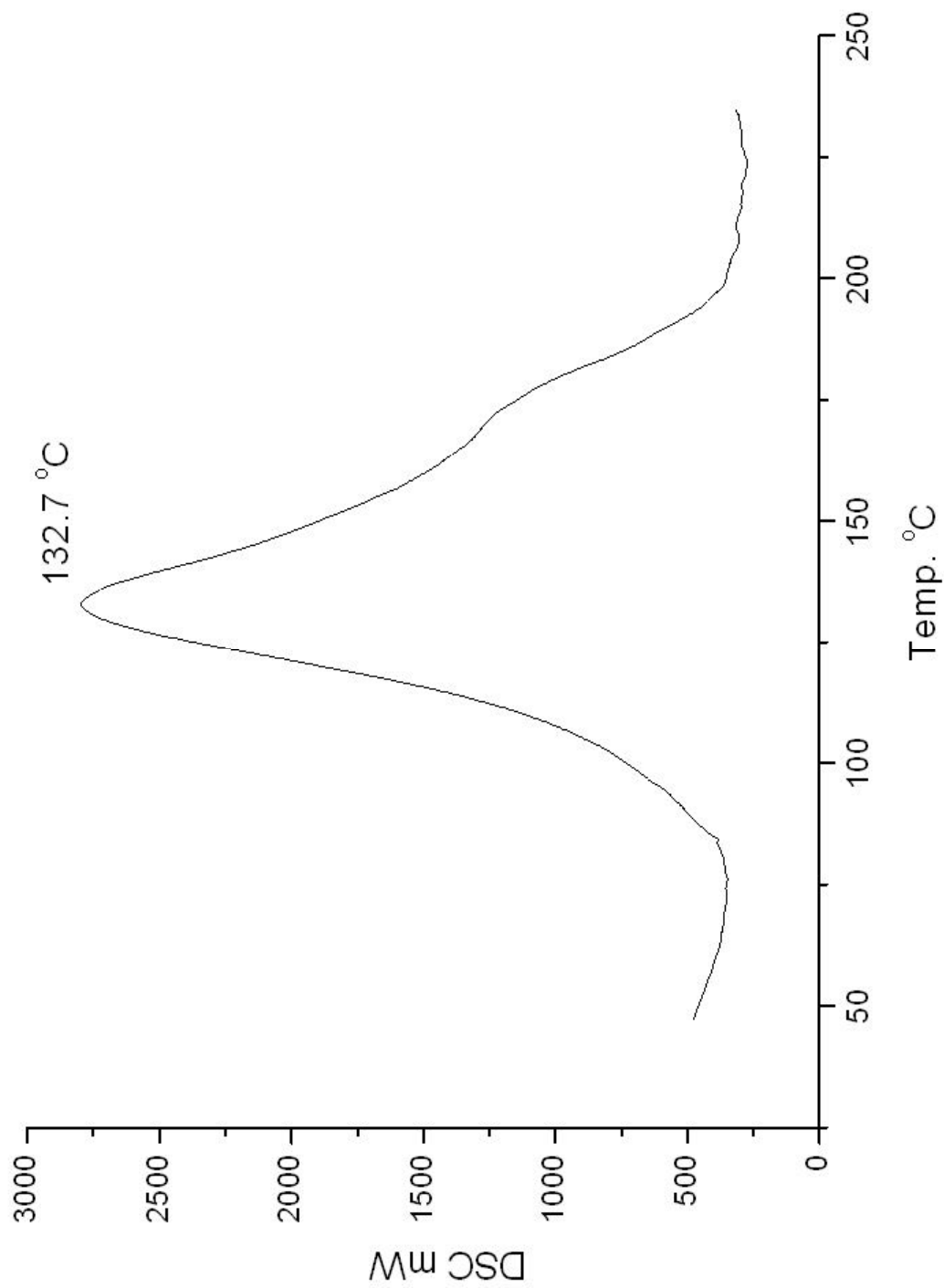


Figure. 3-24 Dynamic DSC Thermogram of System 3, Epoxy II /CA II /CA I = 1/0.5/0.5



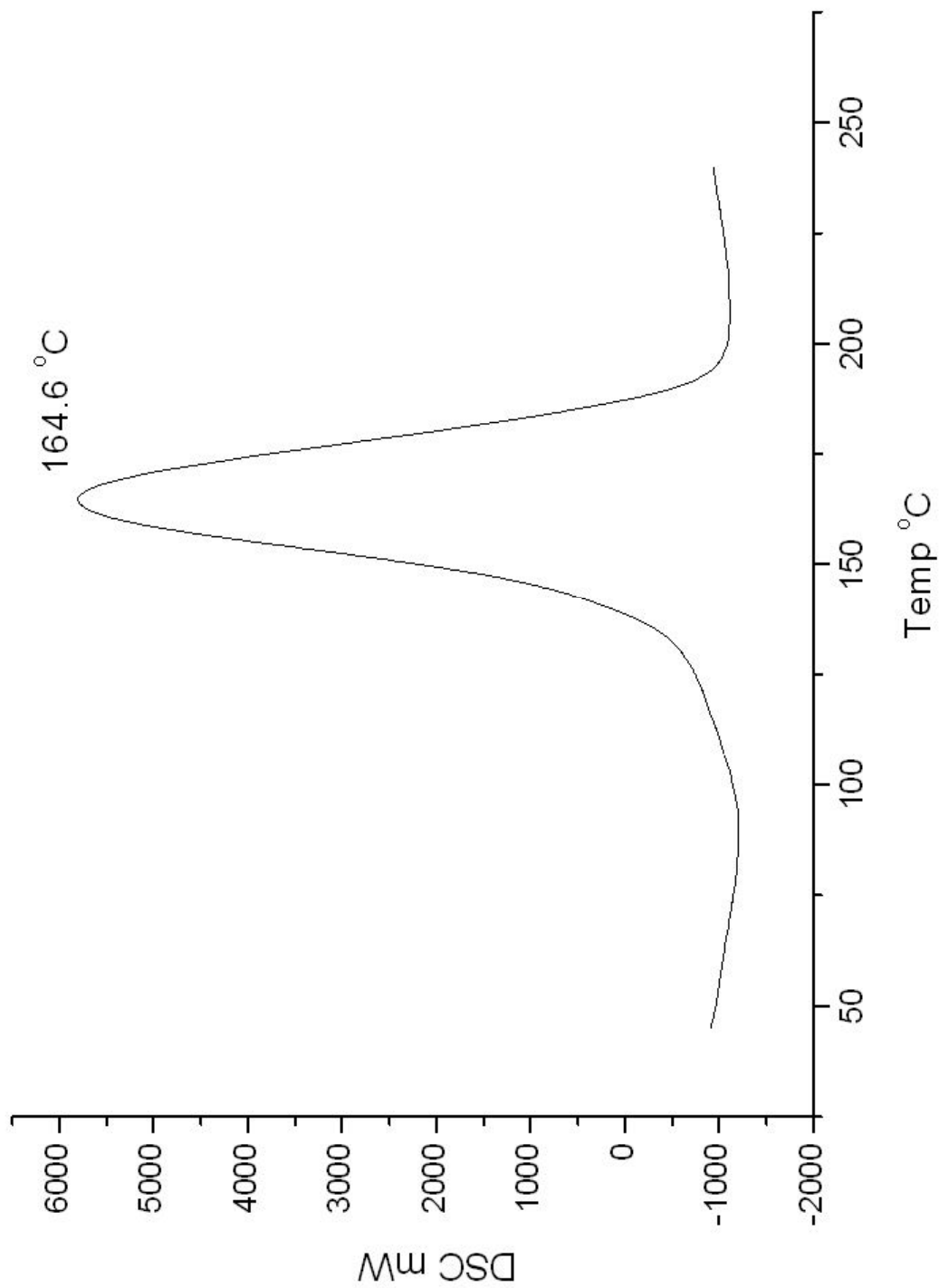


Figure. 3-25 Dynamic DSC Thermogram of System 4, 830LVP/Epoxy III/CA I = 0.75/0.25/1

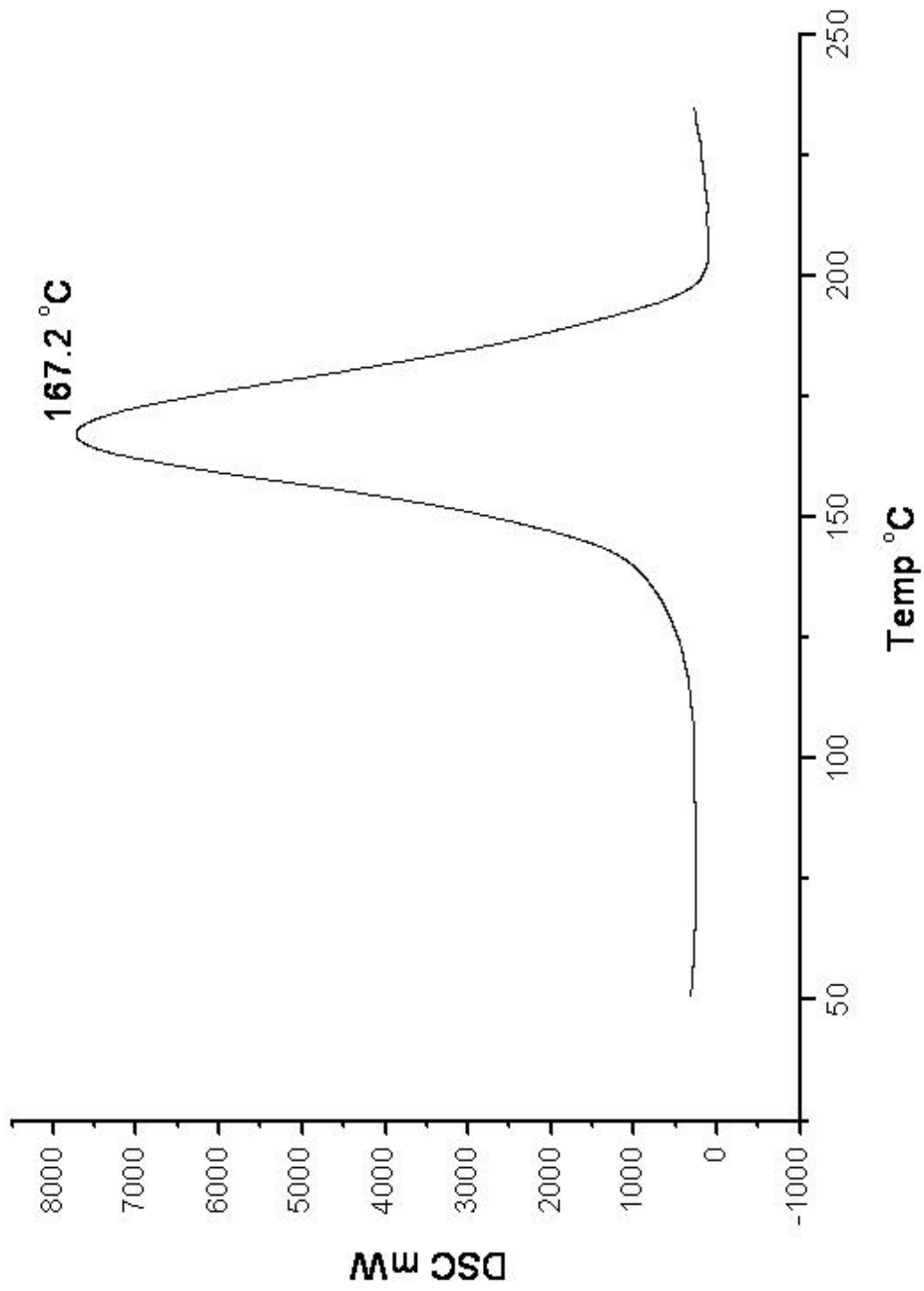


Figure. 3-26 Dynamic DSC Thermogram of System 4, 830LVP/Epoxy III /CA I = 0.5/0.5/1

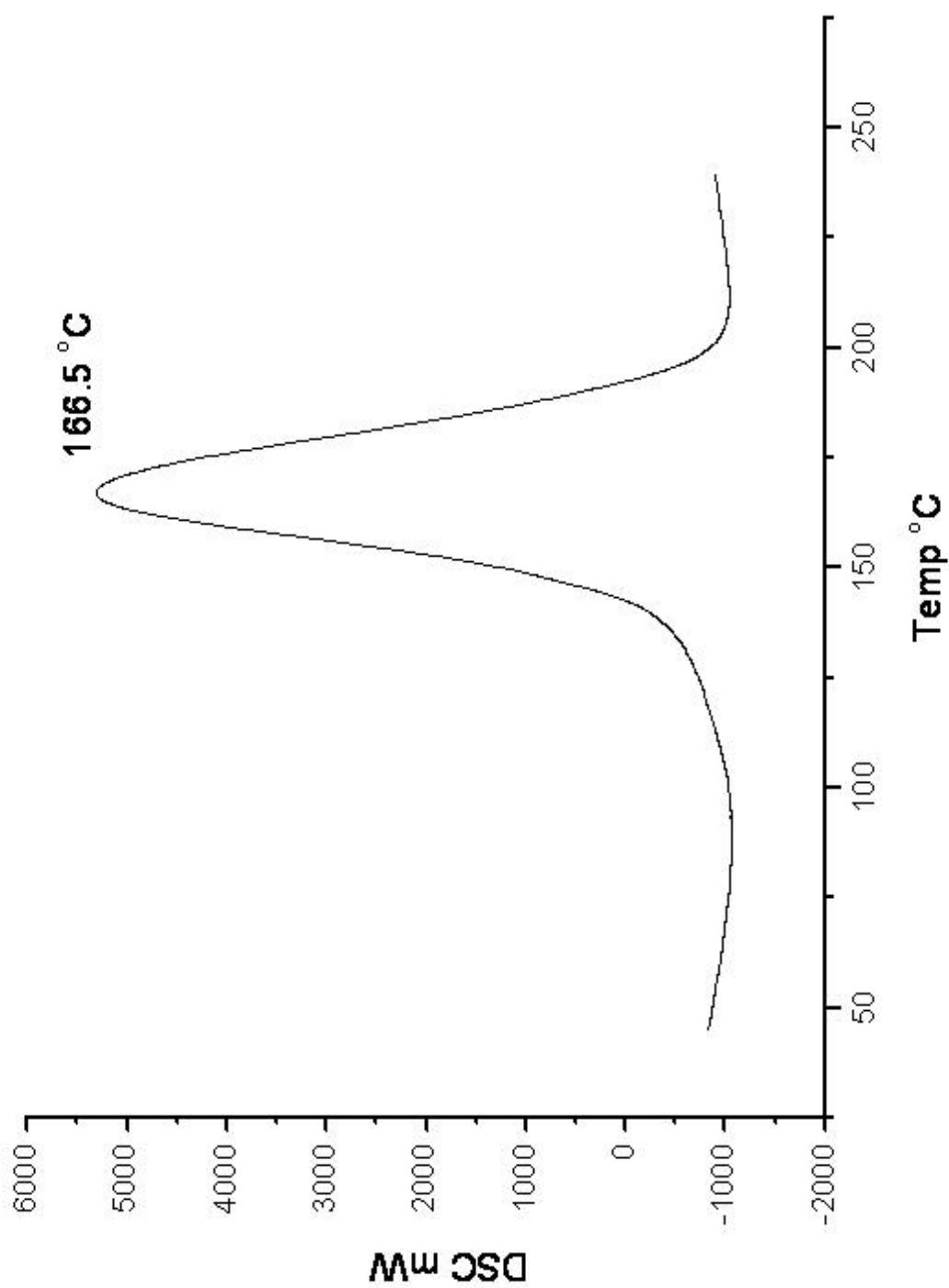


Figure. 3-27 Dynamic DSC Thermogram of System 4, 830LVP/Epoxy III /CA = 0.25/0.75/1

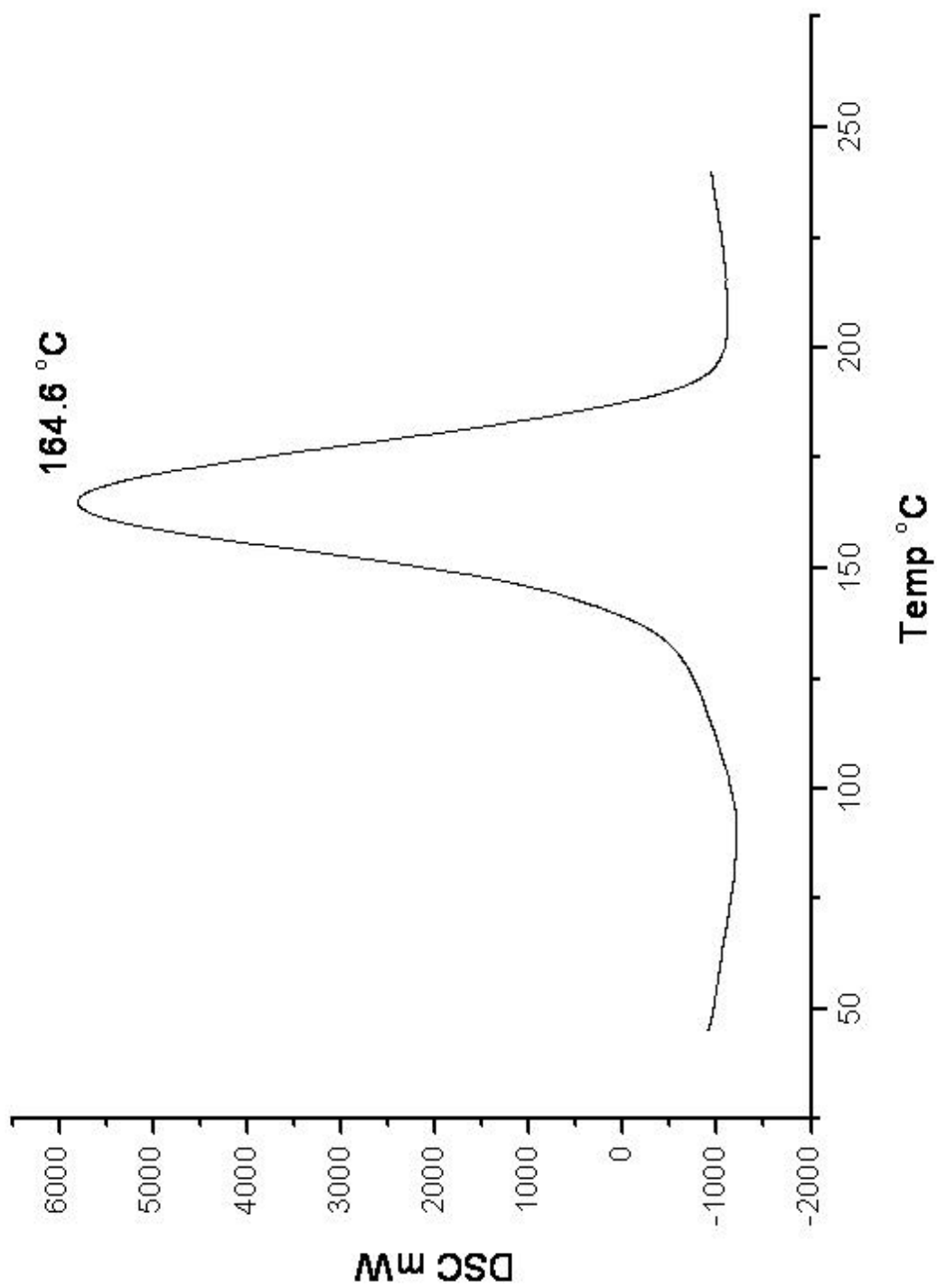


Figure. 3-28 Dynamic DSC Thermogram of System 4, 830LVP/Epoxy III /CA I = 0/1/1

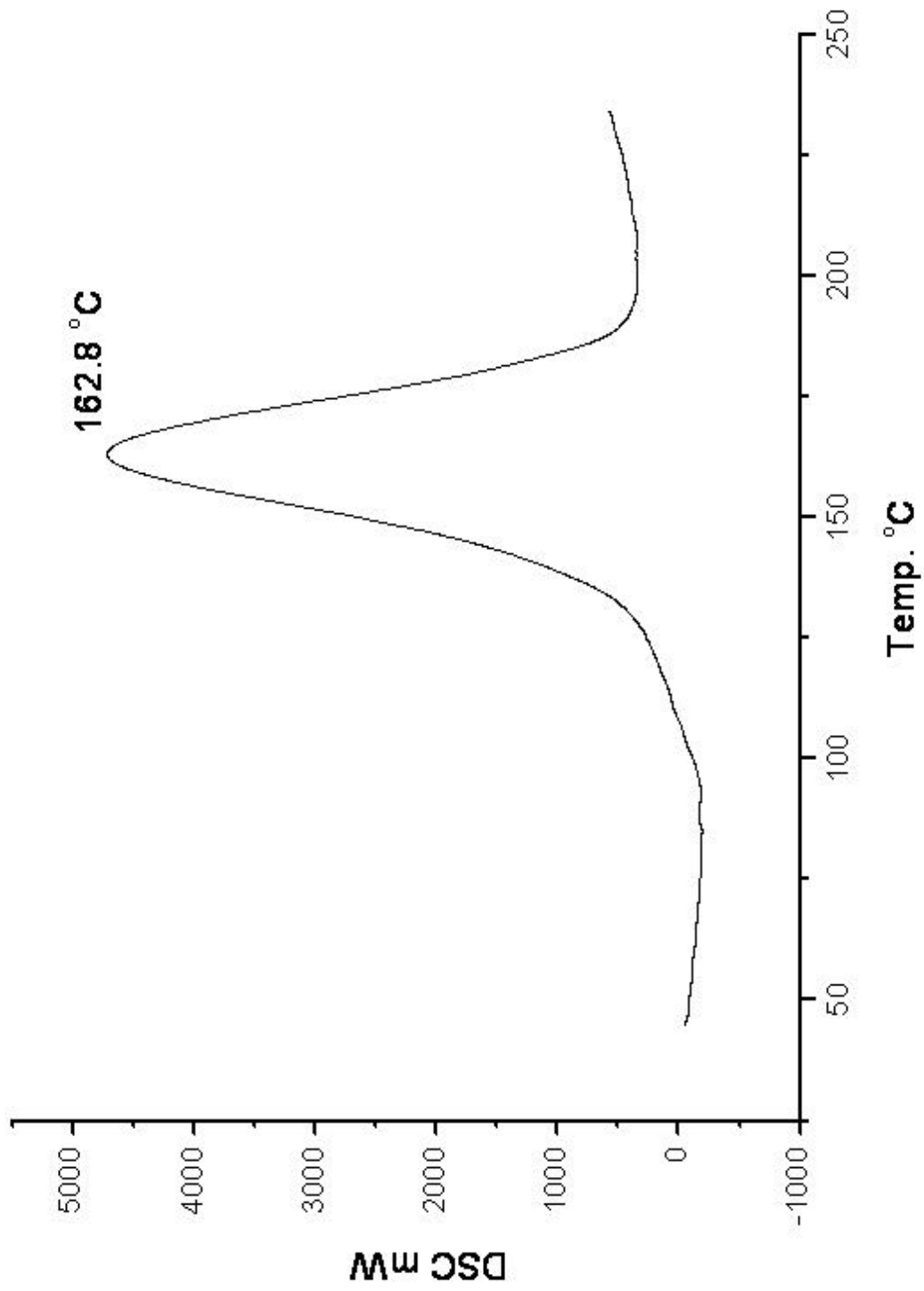


Figure. 3-29 Dynamic DSC Thermogram of System 5, EpoxyIII/CAIII/CA I = 1/0.1/0.9

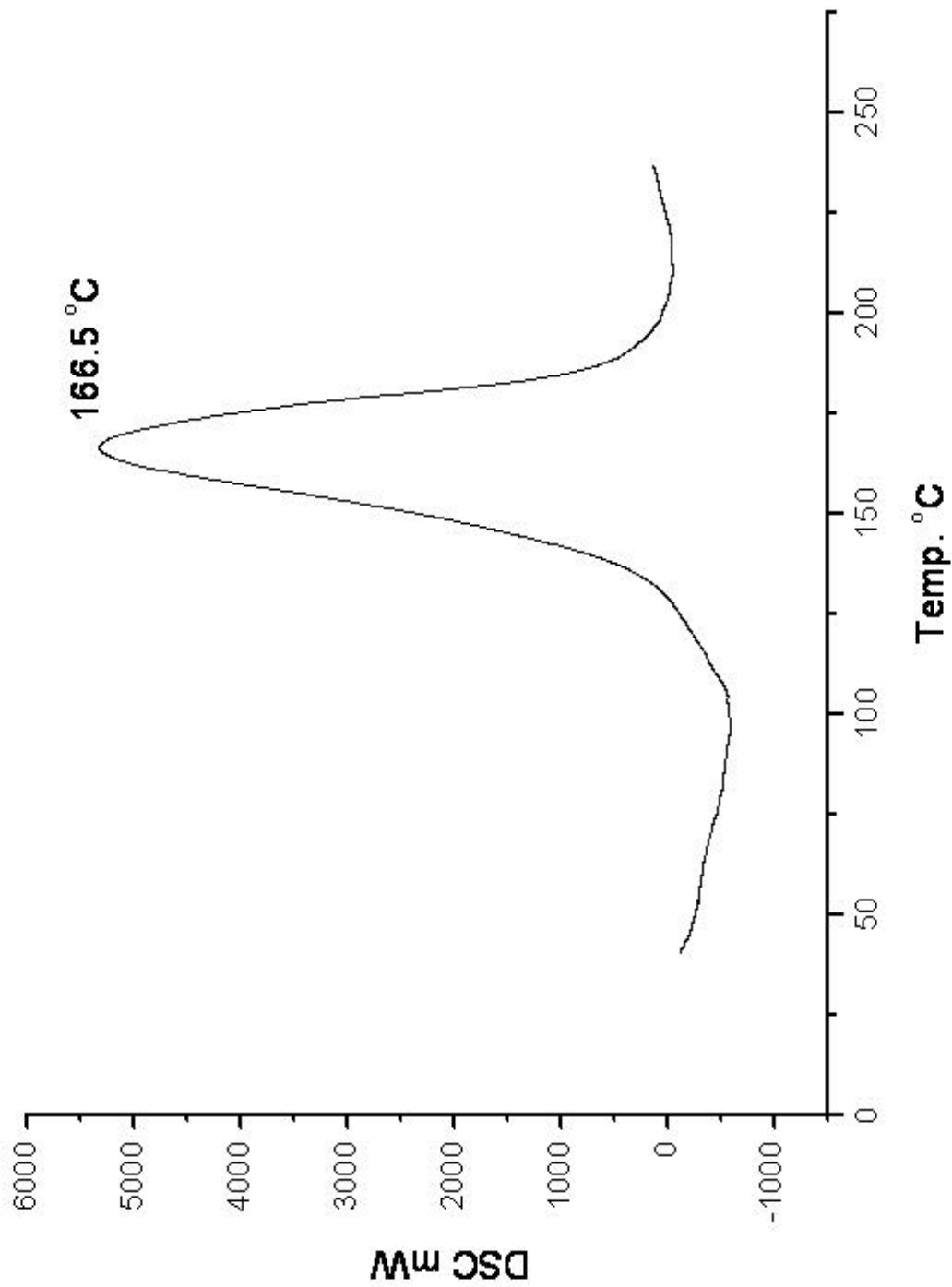


Figure. 3-30 Dynamic DSC Thermogram of System 5, Epoxy III /CA III /CA I = 1/0.2/0.8