

Figure 1: Characteristic X-ray powder diffraction pattern of crystalline Example 69 sulphate salt obtained in THF

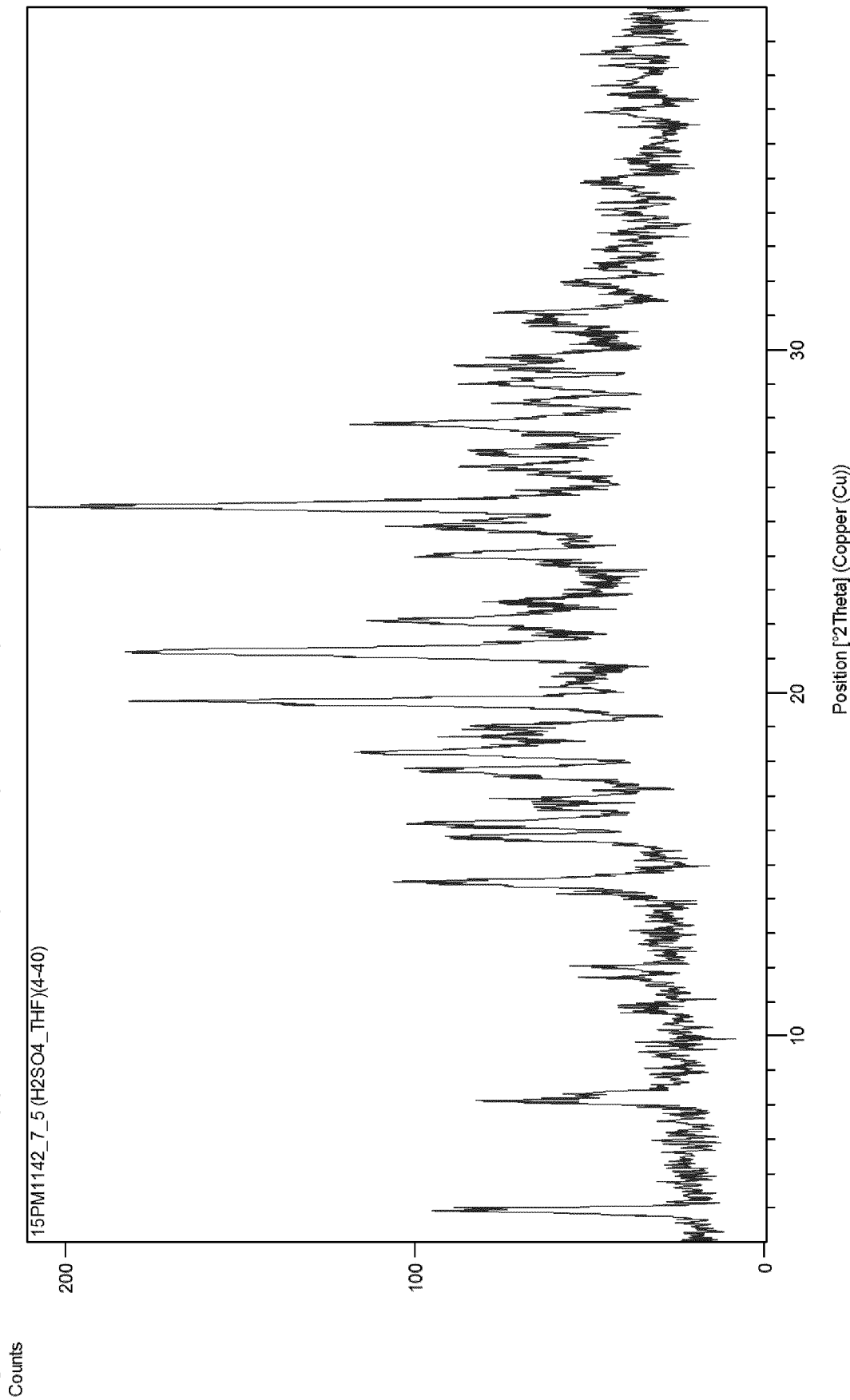


Figure 2: Characteristic X-ray powder diffraction pattern of crystalline Example 69 maleate salts obtained in ethanol, acetone, ethyl acetate

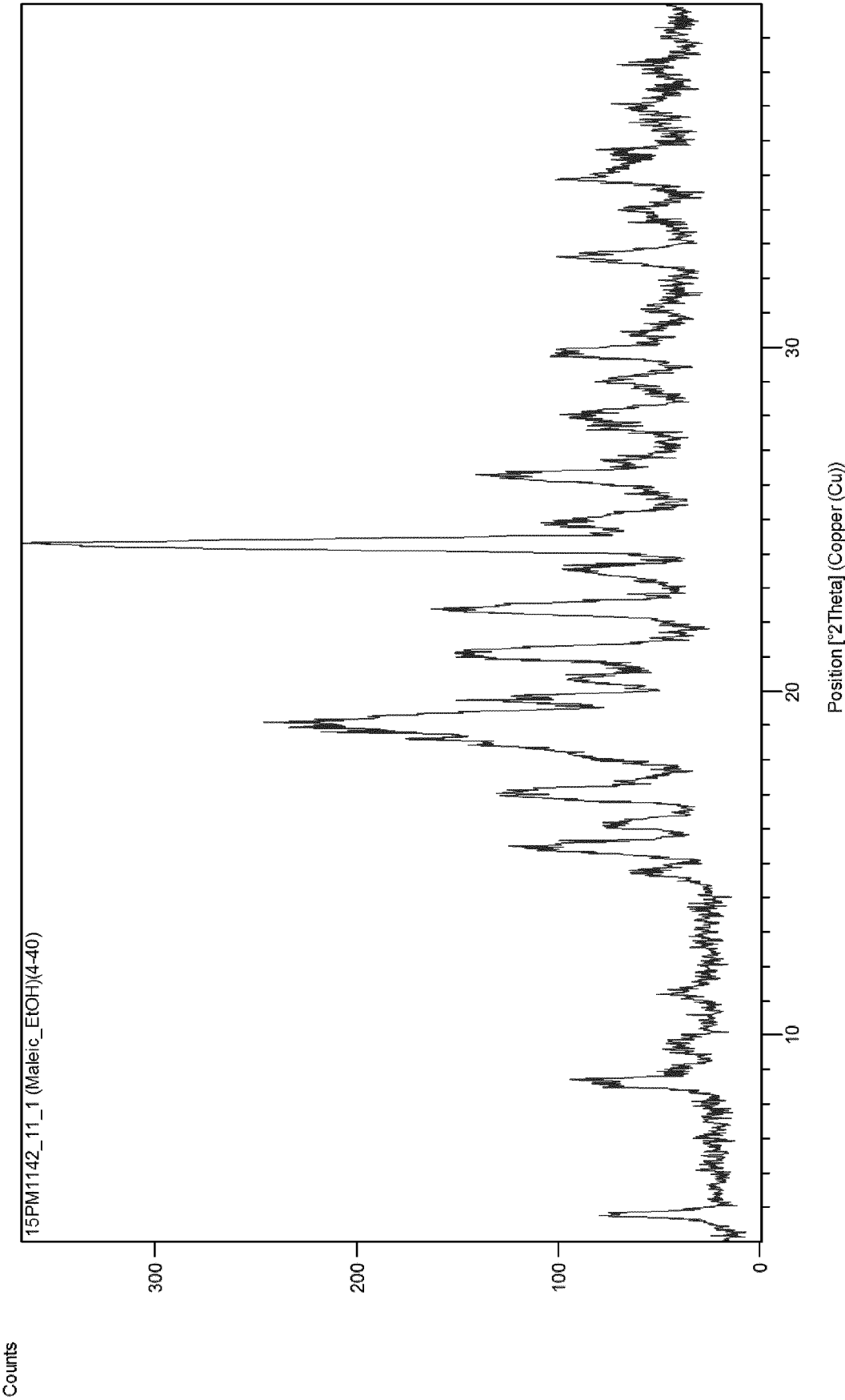


Figure 3: Characteristic X-ray powder diffraction pattern of crystalline Example 69 maleate salt obtained in MeCN

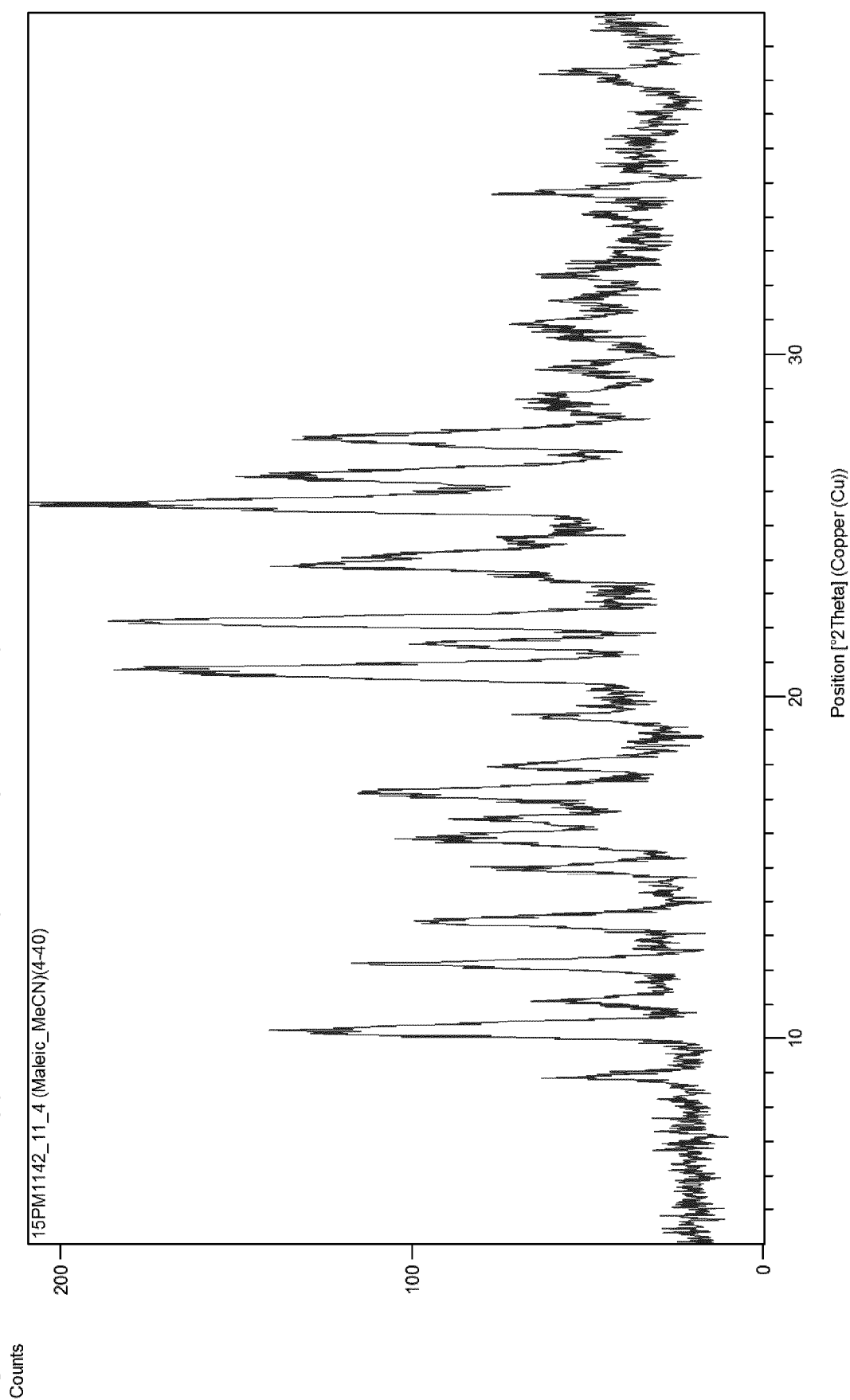


Figure 4: Characteristic X-ray powder diffraction pattern of crystalline Example 69 fumarate salt obtained in alcohol / water mixtures

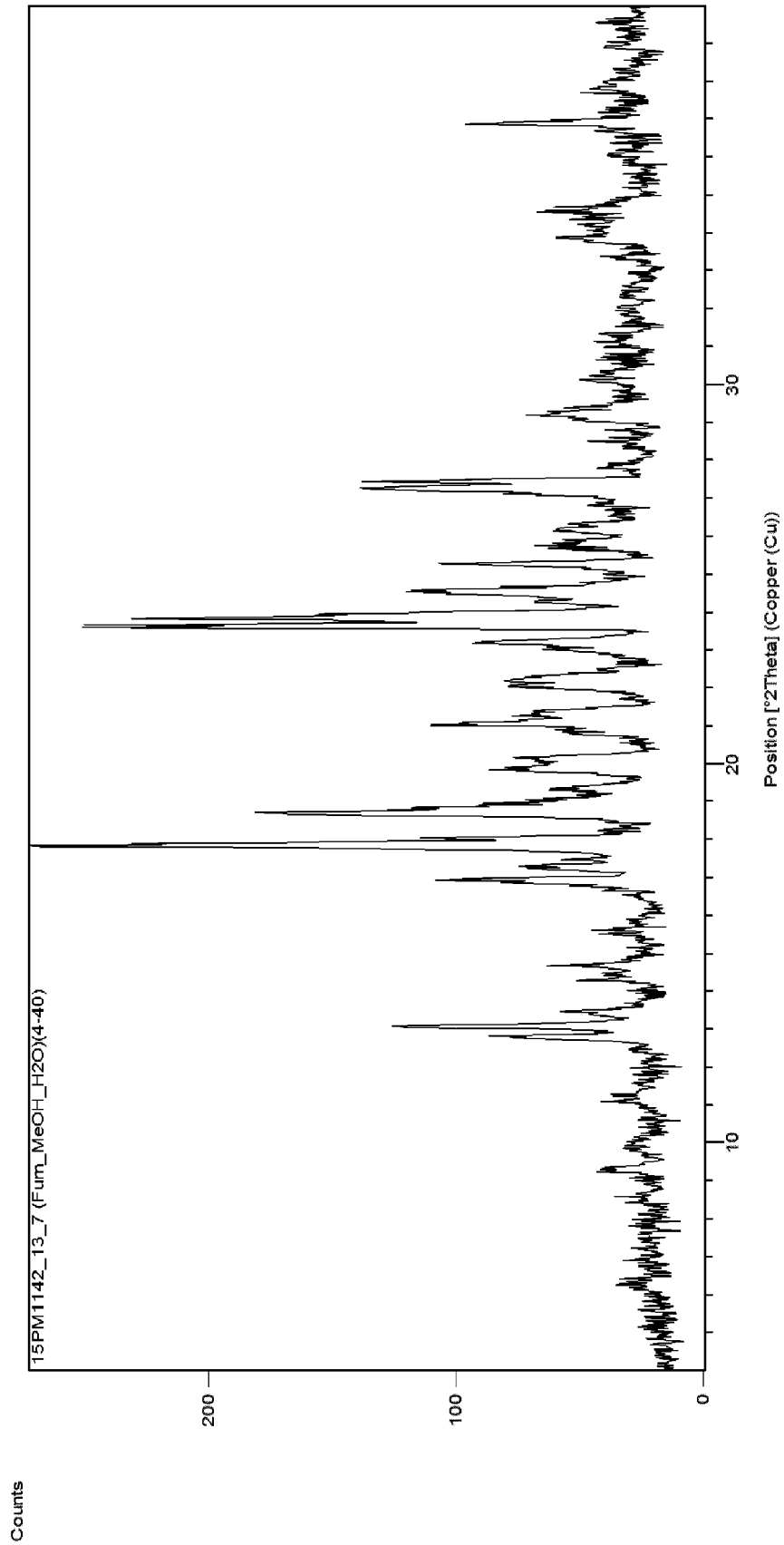


Figure 5: Characteristic X-ray powder diffraction pattern of crystalline Example 69 L-tartrate salts obtained in ethanol, acetone, MeCN, THF, methanol/water

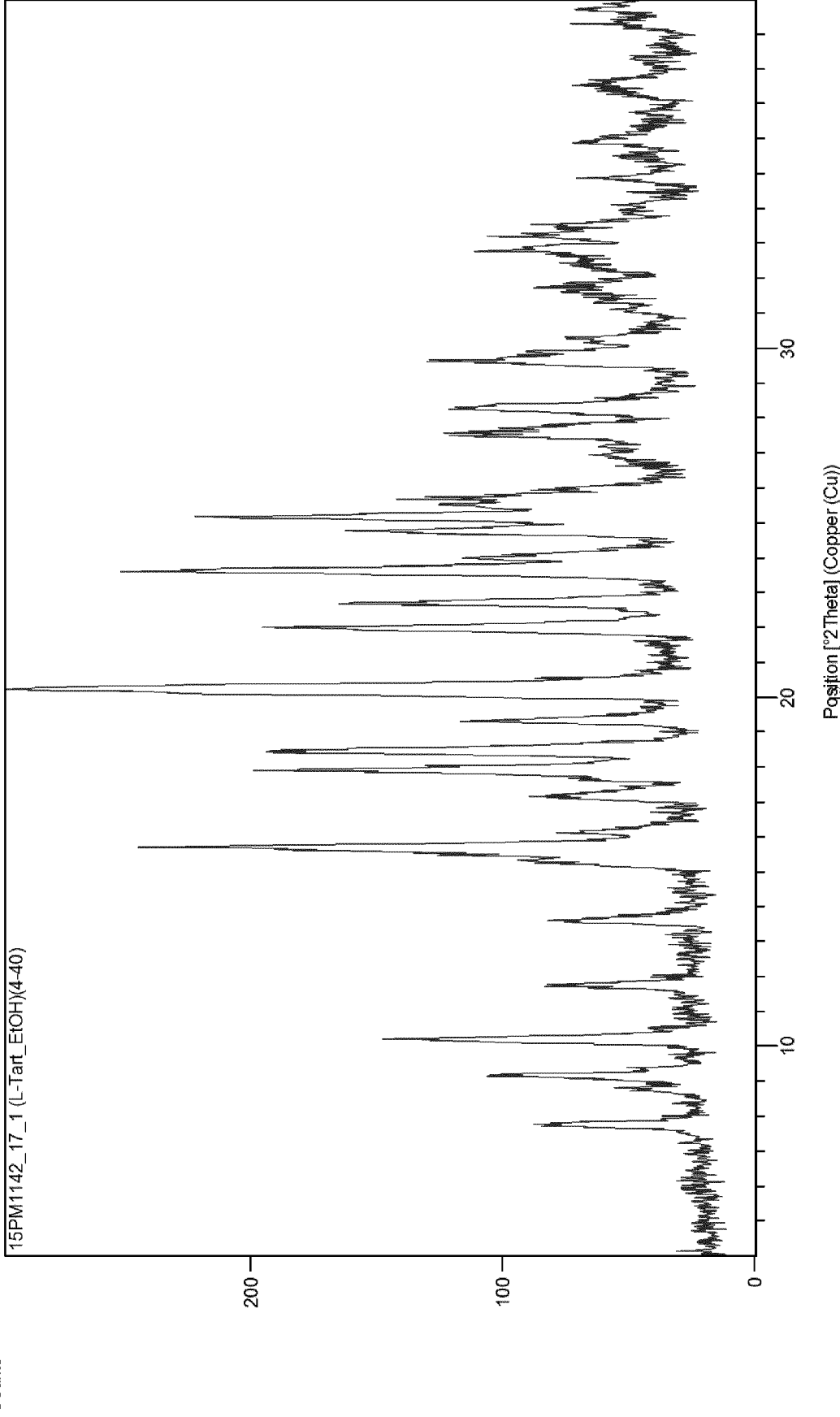


Figure 6: Characteristic X-ray powder diffraction pattern of crystalline Example 69 Tosylate salts obtained in acetone, MeCN

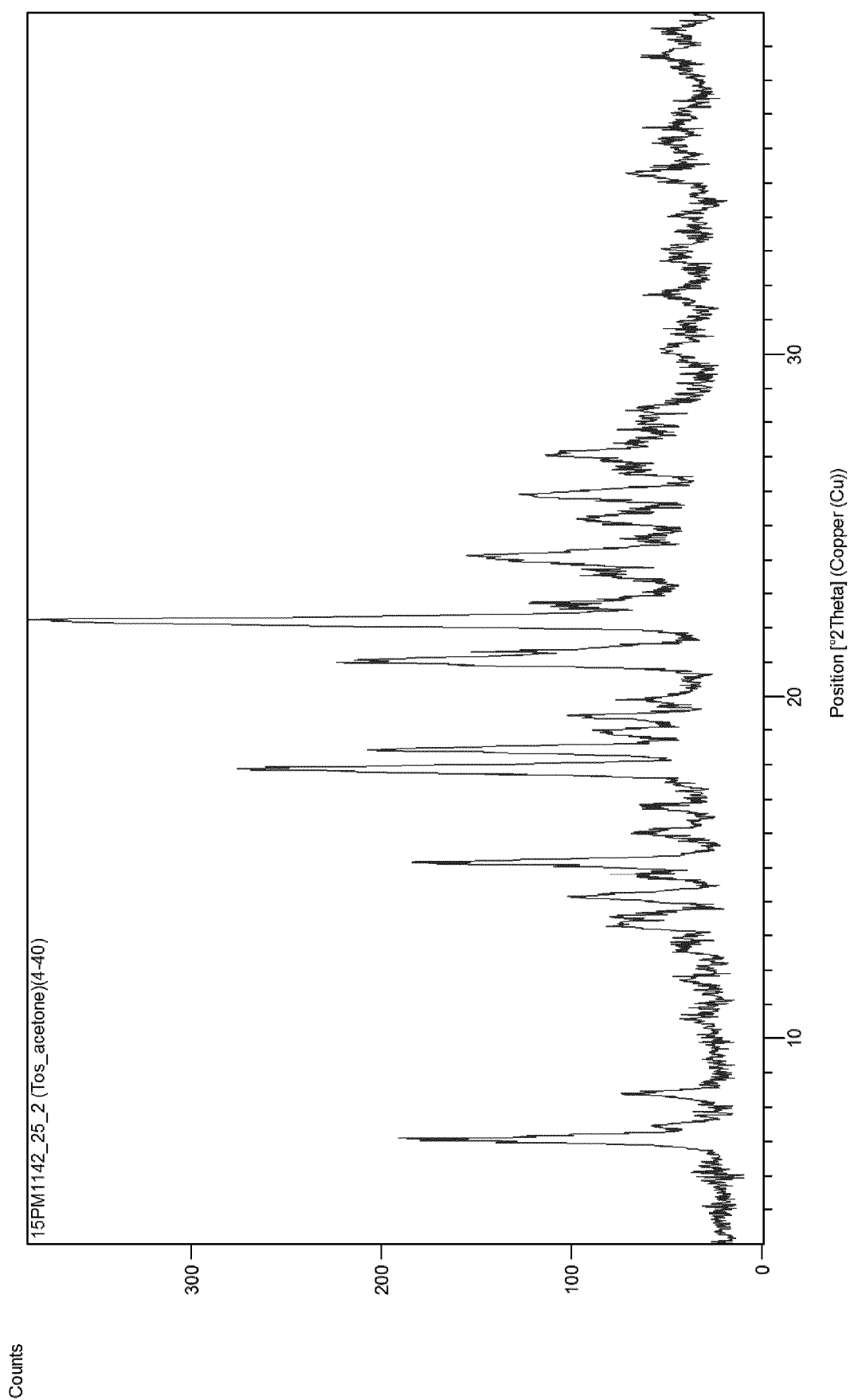


Figure 7: Characteristic X-ray powder diffraction pattern of crystalline Example 69 free base

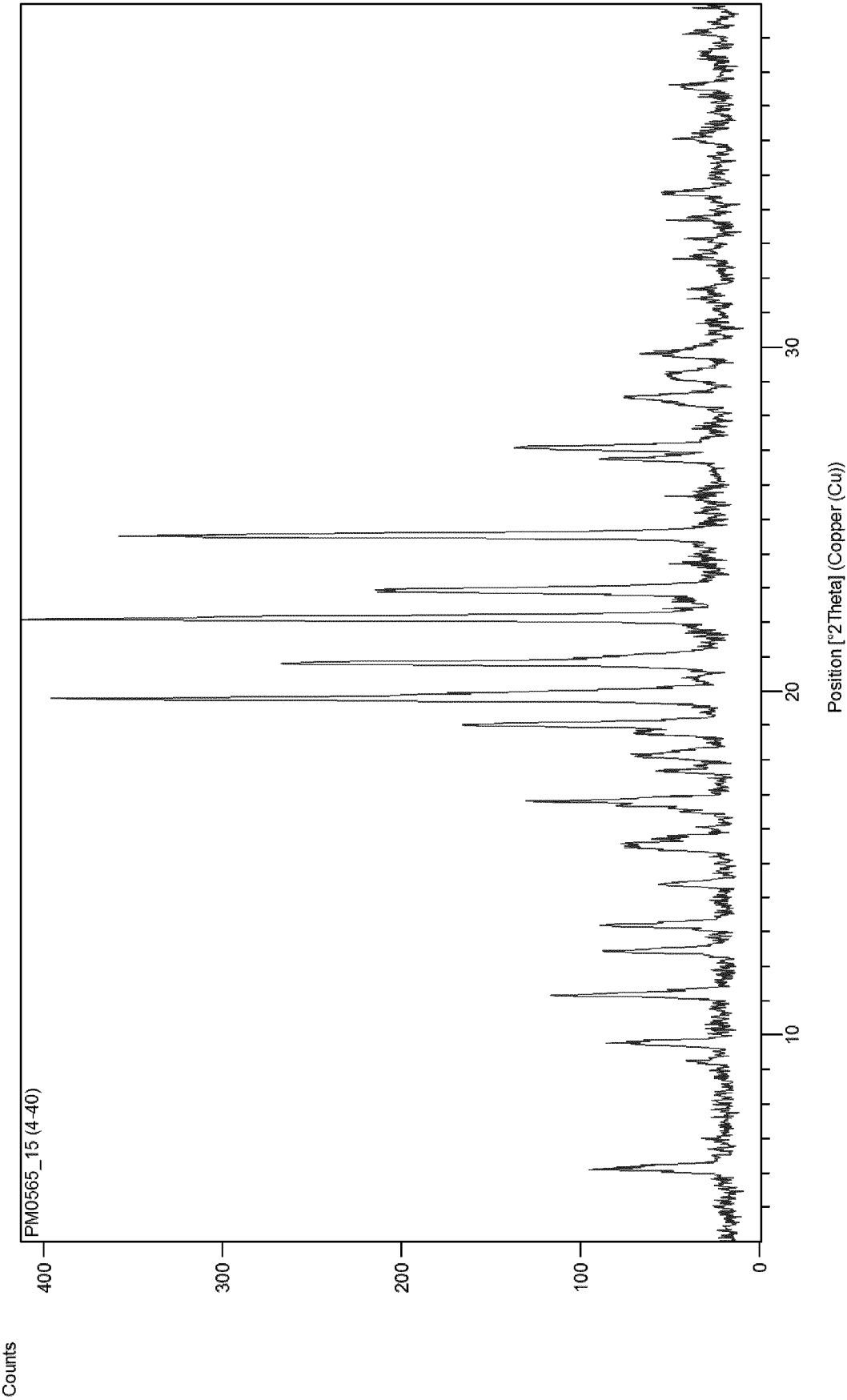


Figure 8: Characteristic Raman spectrum of crystalline Example 69 free base

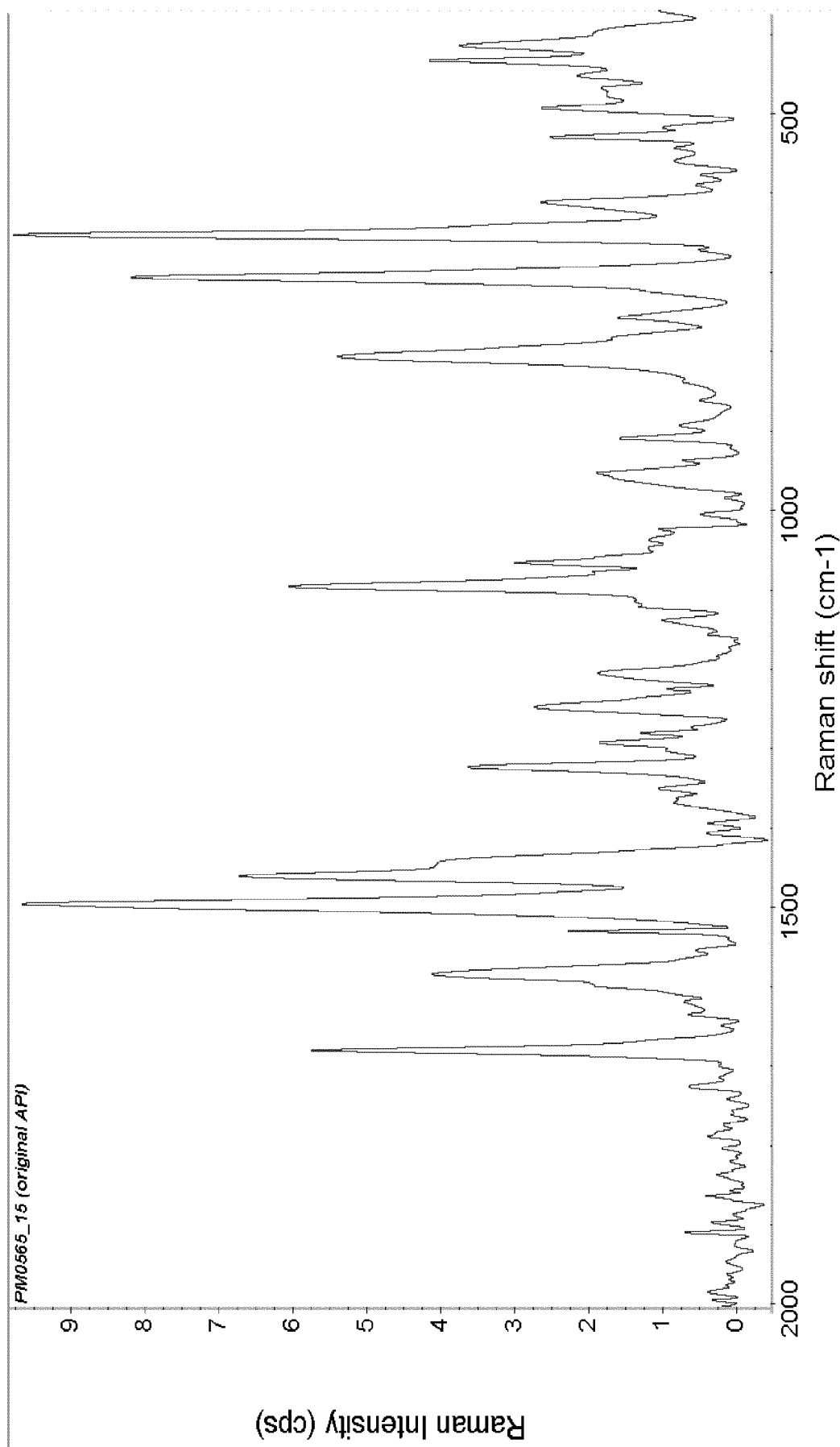
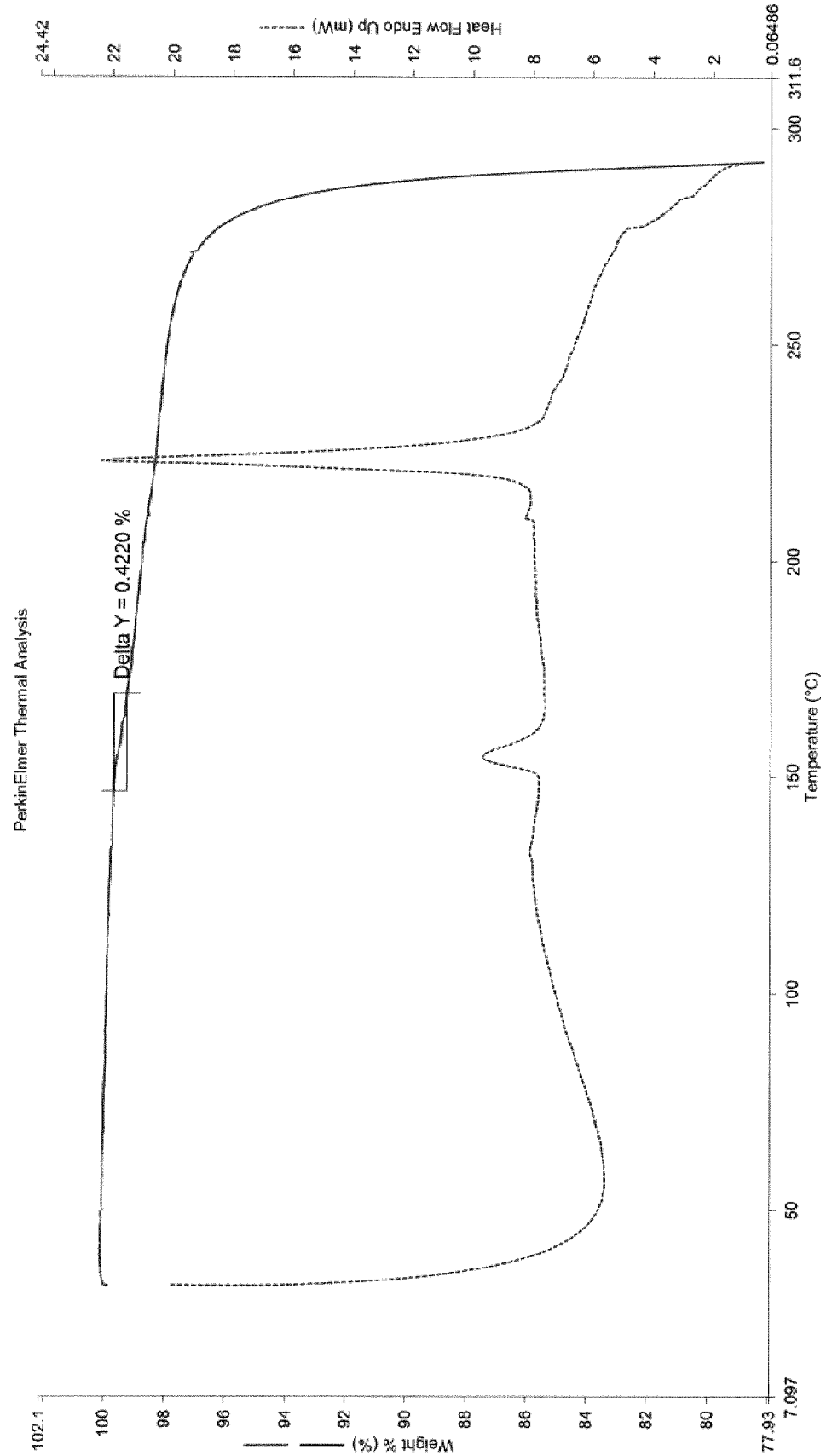


Figure 9: Characteristic STA thermogram of crystalline Example 69 free base



22/02/2016 08:21:43

1) Heat from 30.00°C to 300.00°C at 10.00°C/min

Figure 10: Characteristic DSC thermogram of crystalline Example 69 free base

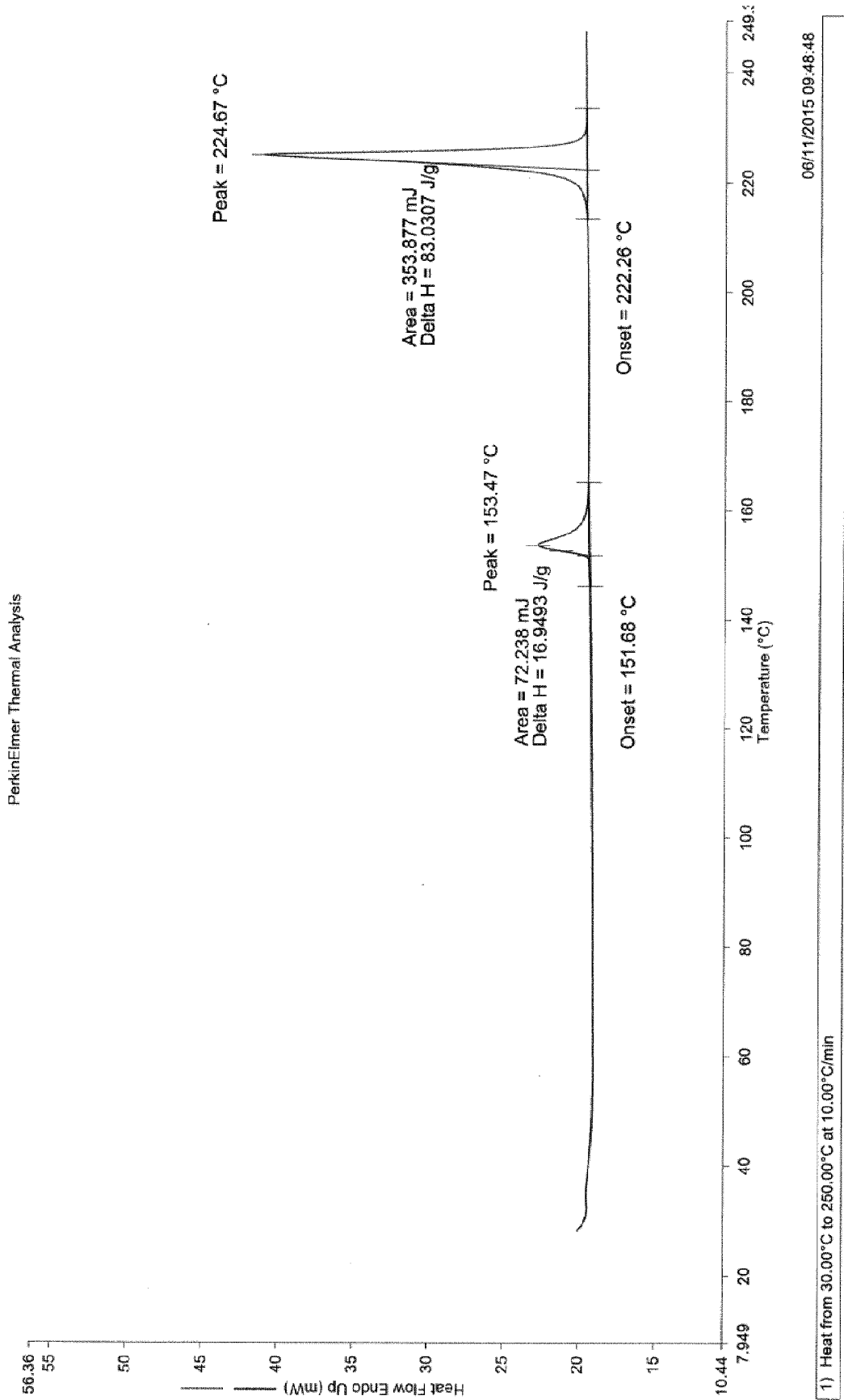
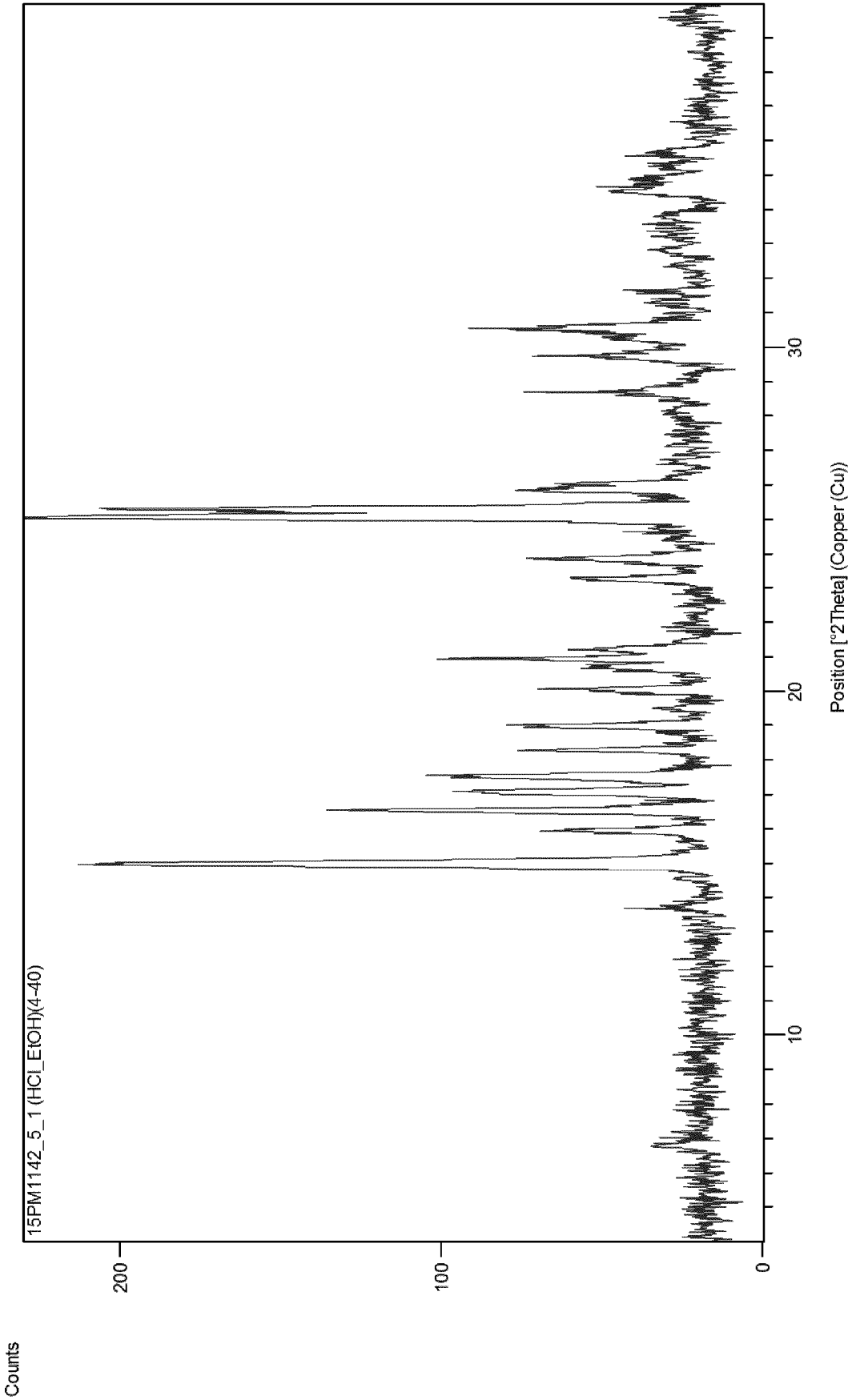


Figure 11: Characteristic X-ray powder diffraction pattern of crystalline Example 69 hydrochloride salt



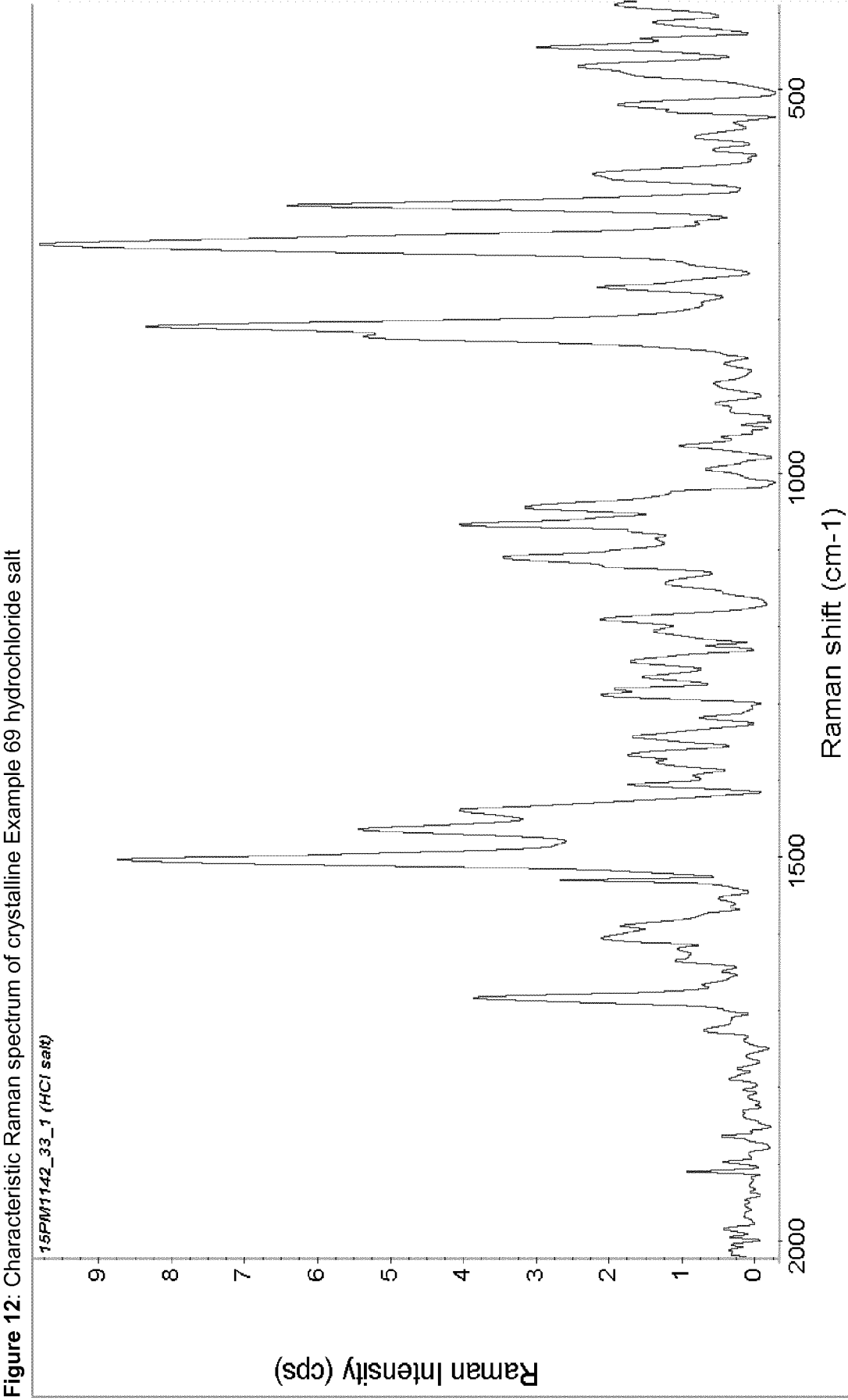


Figure 12: Characteristic Raman spectrum of crystalline Example 69 hydrochloride salt

Figure 13: Characteristic NMR spectrum of crystalline Example 69 hydrochloride salt

15-2689 15PM1142-33-1
1H_NoPlot.dex DMSO (C:\Bruker\TOPSPIN) analytical 32

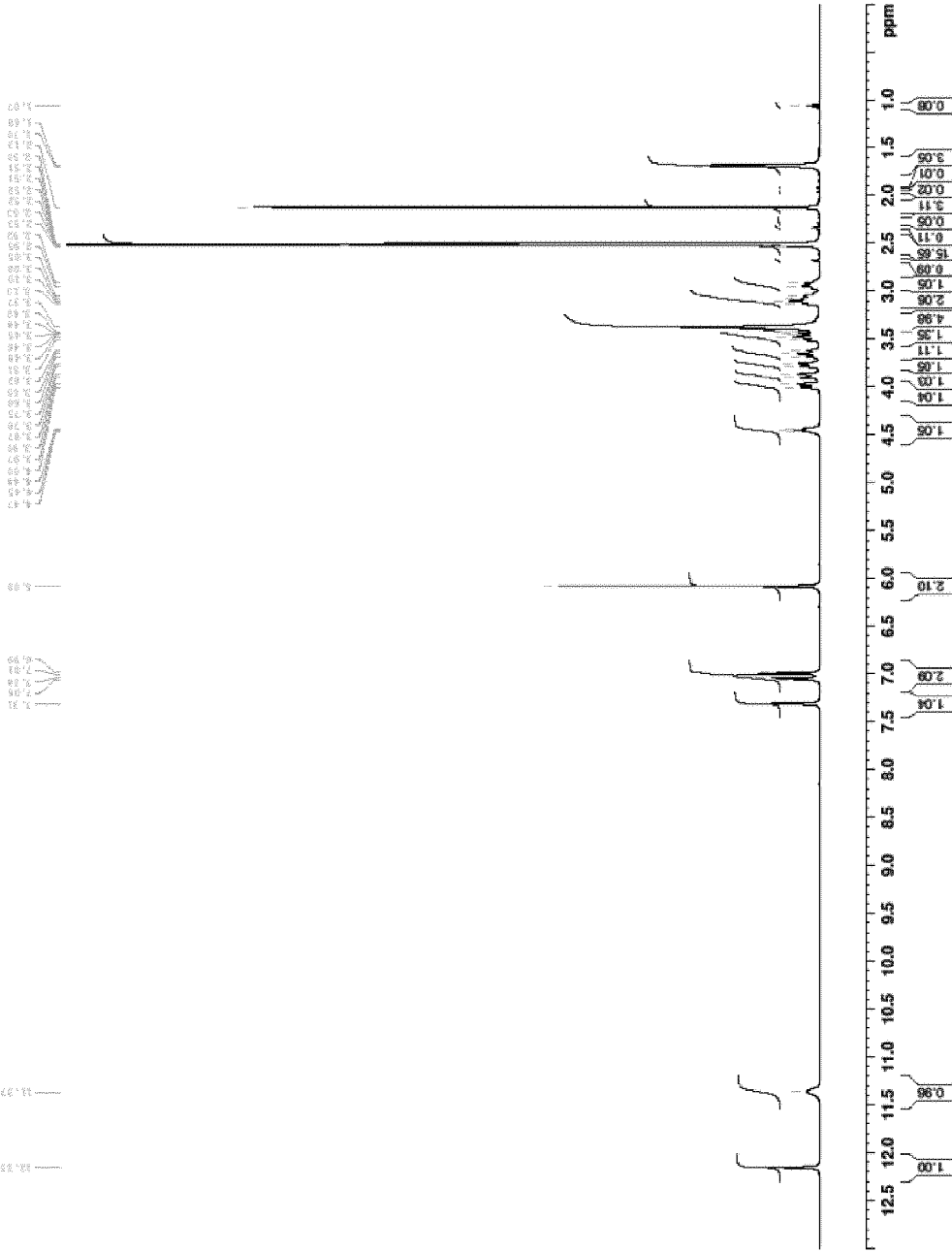
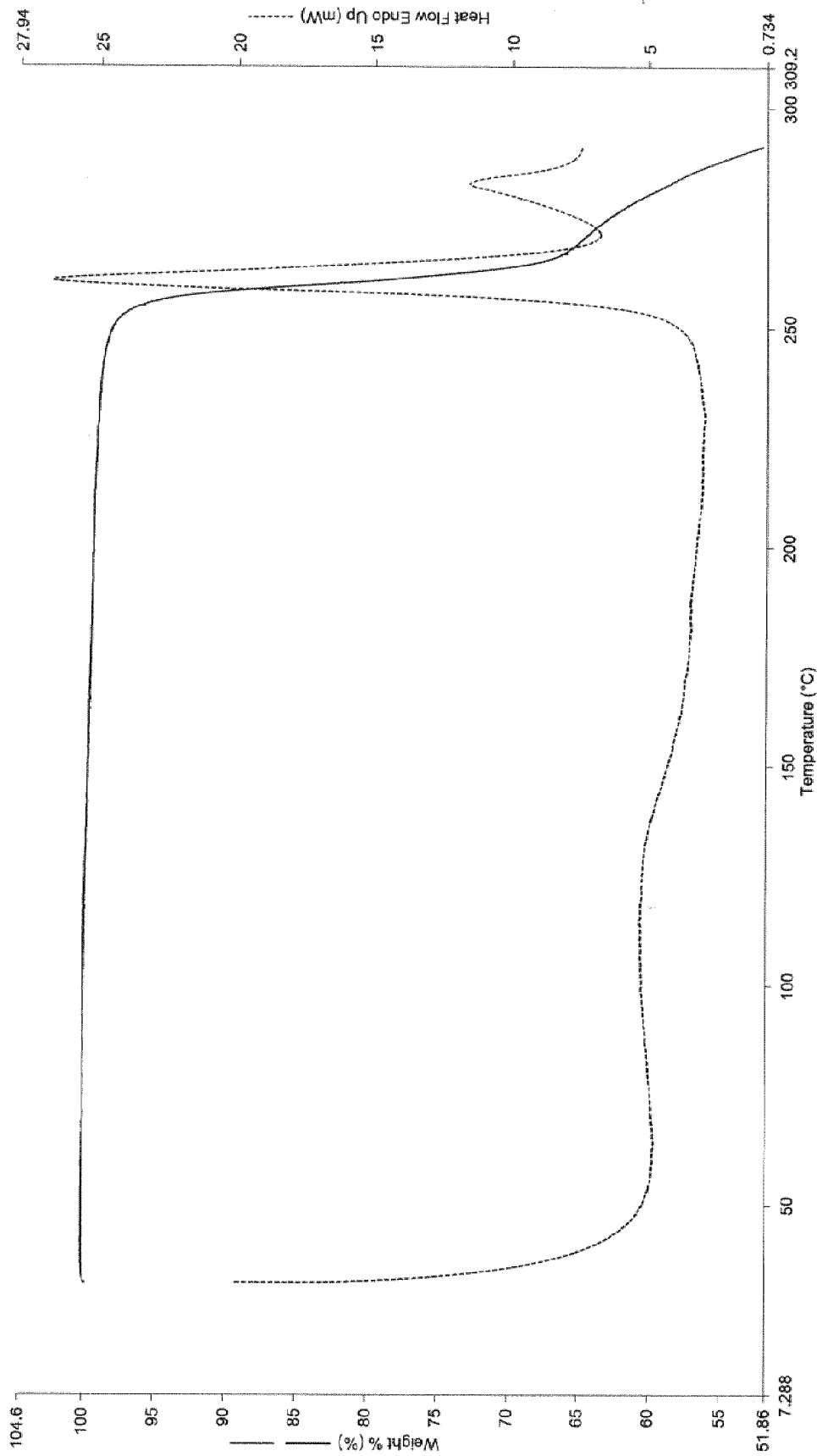


Figure 14: Characteristic STA thermogram of crystalline Example 69 hydrochloride salt



19/11/2015 09:39:33

1) Heat from 30.00°C to 300.00°C at 10.00°C/min

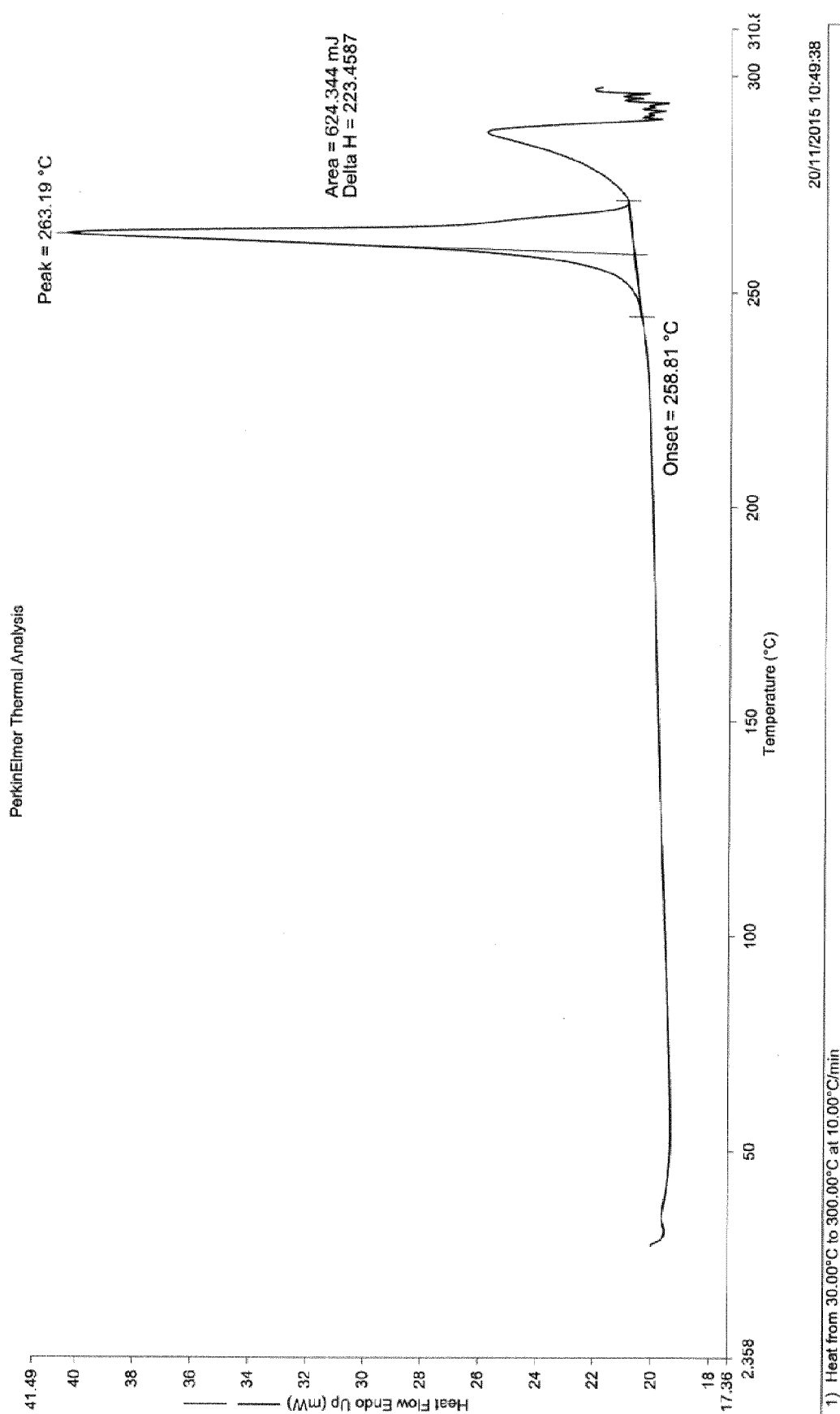
Figure 15: Characteristic DSC thermogram of crystalline Example 69 hydrochloride salt

Figure 16: Characteristic X-ray powder diffraction pattern of crystalline Example 69 maleate salt obtained from EtOH

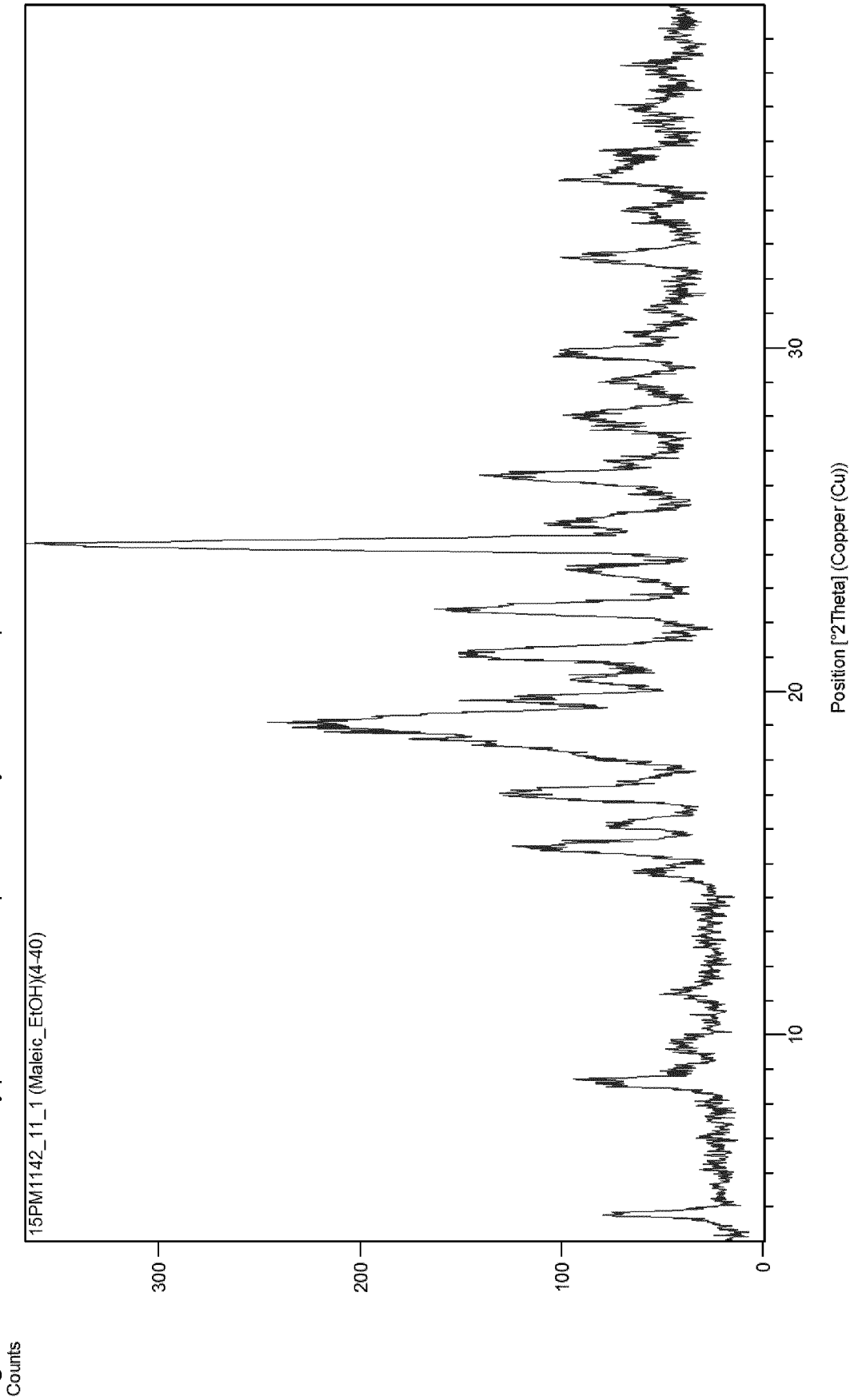


Figure 17: Characteristic NMR spectrum of crystalline Example 69 maleate salt obtained from EtOH

15-2690 15PM1142-35-1
 1H_NoPlot.dex DMSO {C:\Bruker\TOPSPIN} analytical 33

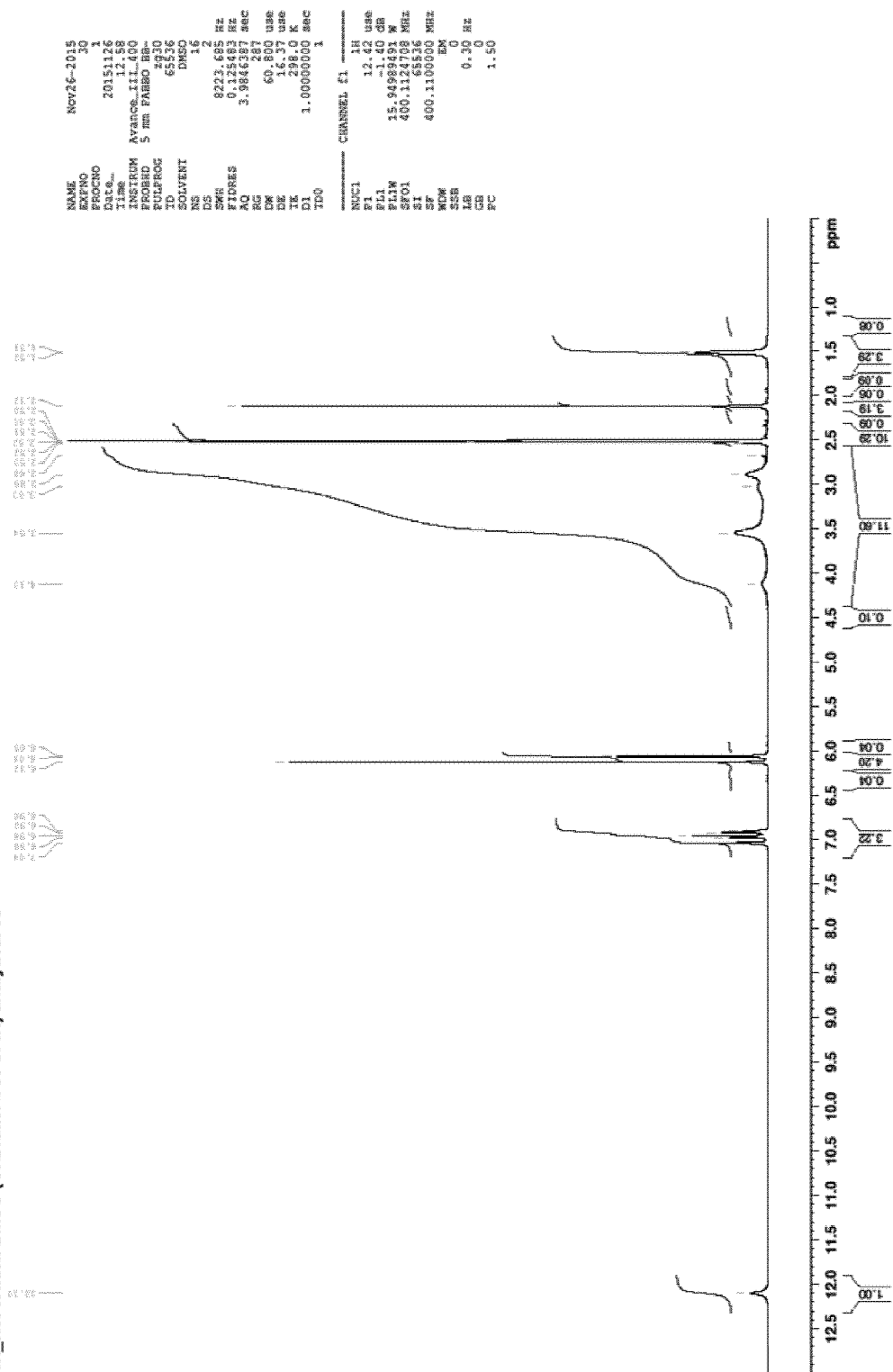
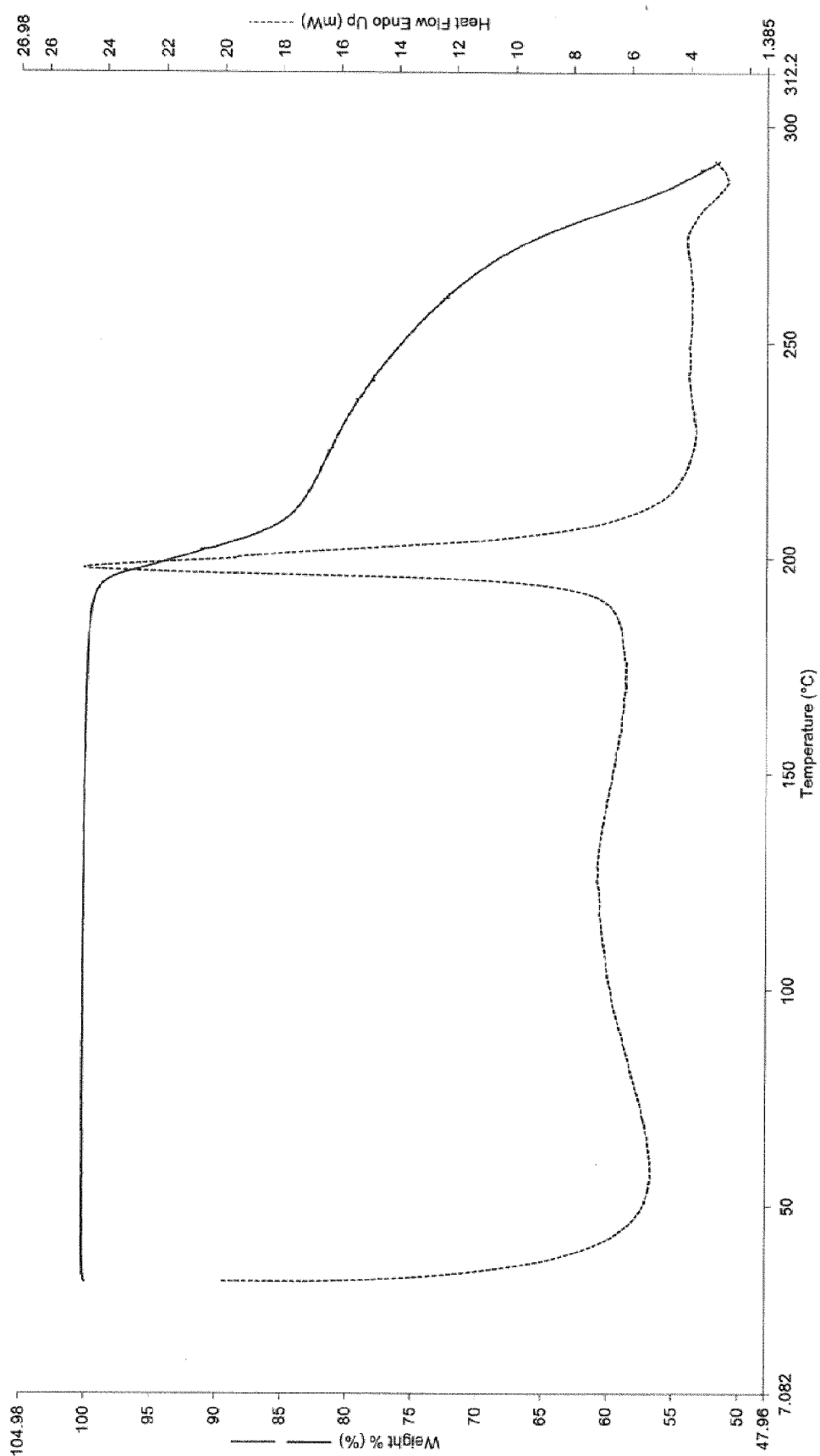


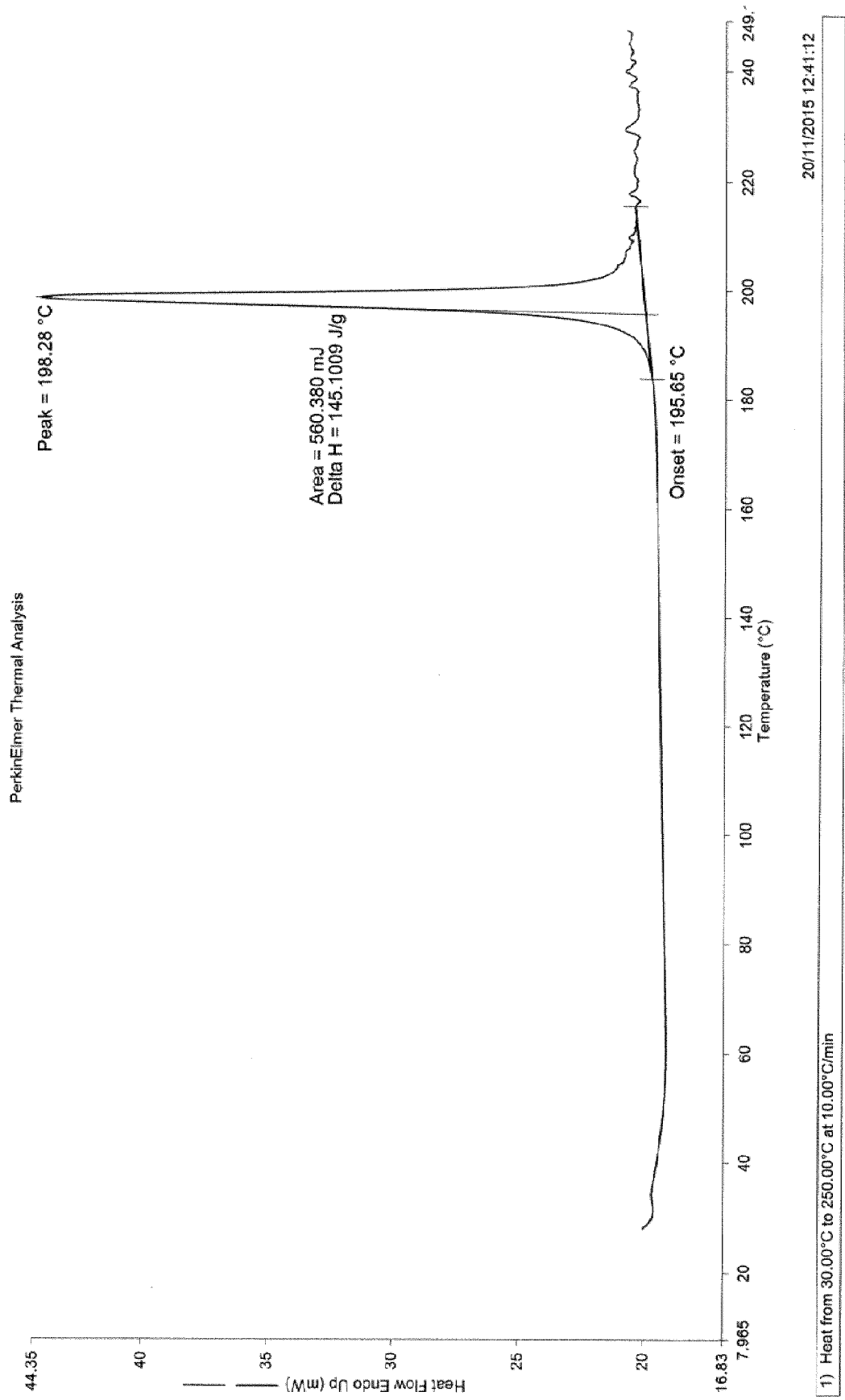
Figure 18: Characteristic STA thermogram of crystalline Example 69 maleate salt obtained from EtOH



19/11/2015 11:11:18

1) Heat from 30.00°C to 300.00°C at 10.00°C/min

Figure 19: Characteristic DSC thermogram of crystalline Example 69 maleate salt obtained from EtOH



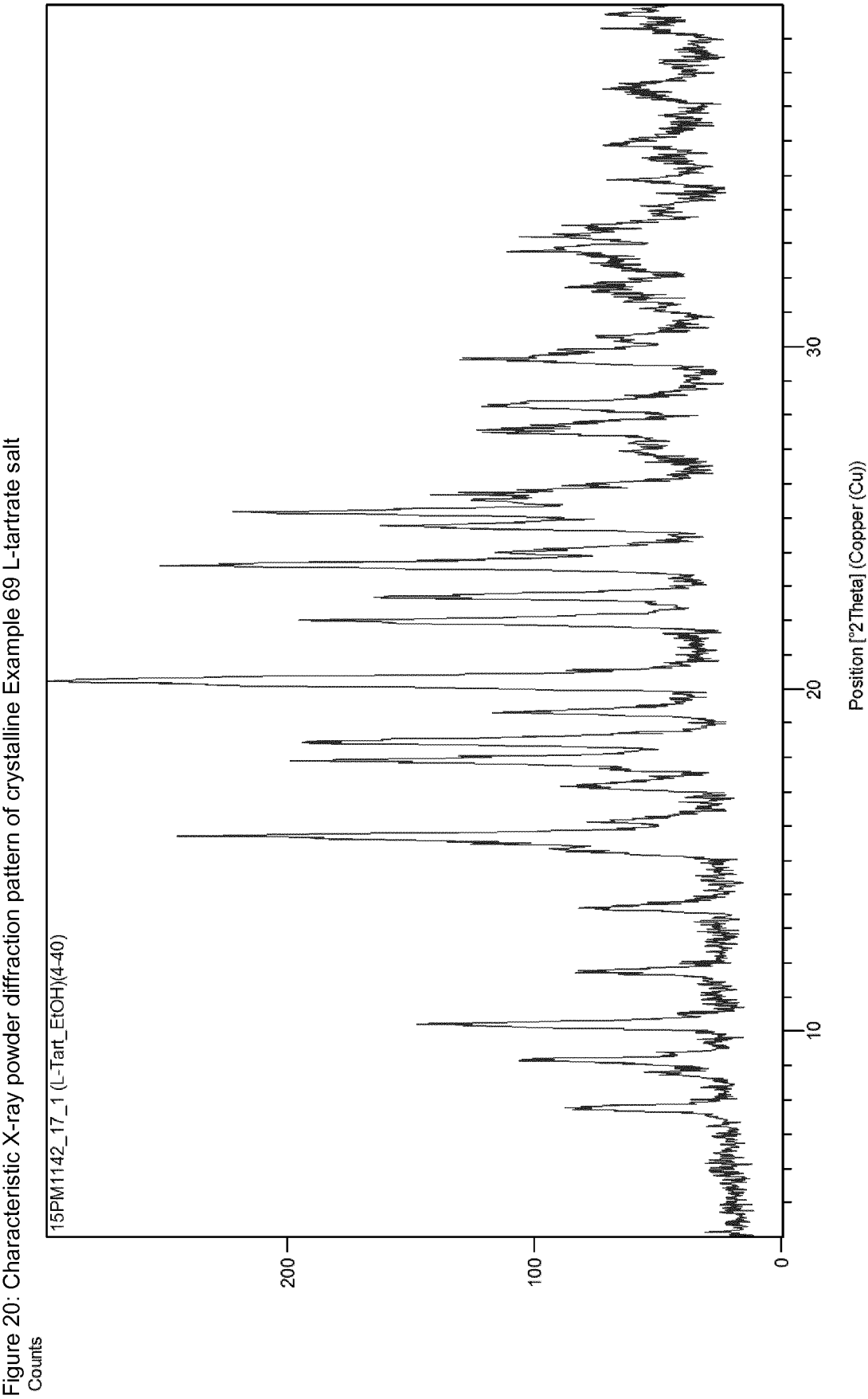


Figure 21: Characteristic NMR spectrum of crystalline Example 69 L-tartrate salt

15-2691 15PM1142-37-1
1H_NoPlot.dex DMSO (C:\Bruker\TOPSPIN) analytical 34

