

## FIRST EXPERIMENT FIGURES

Figure 1

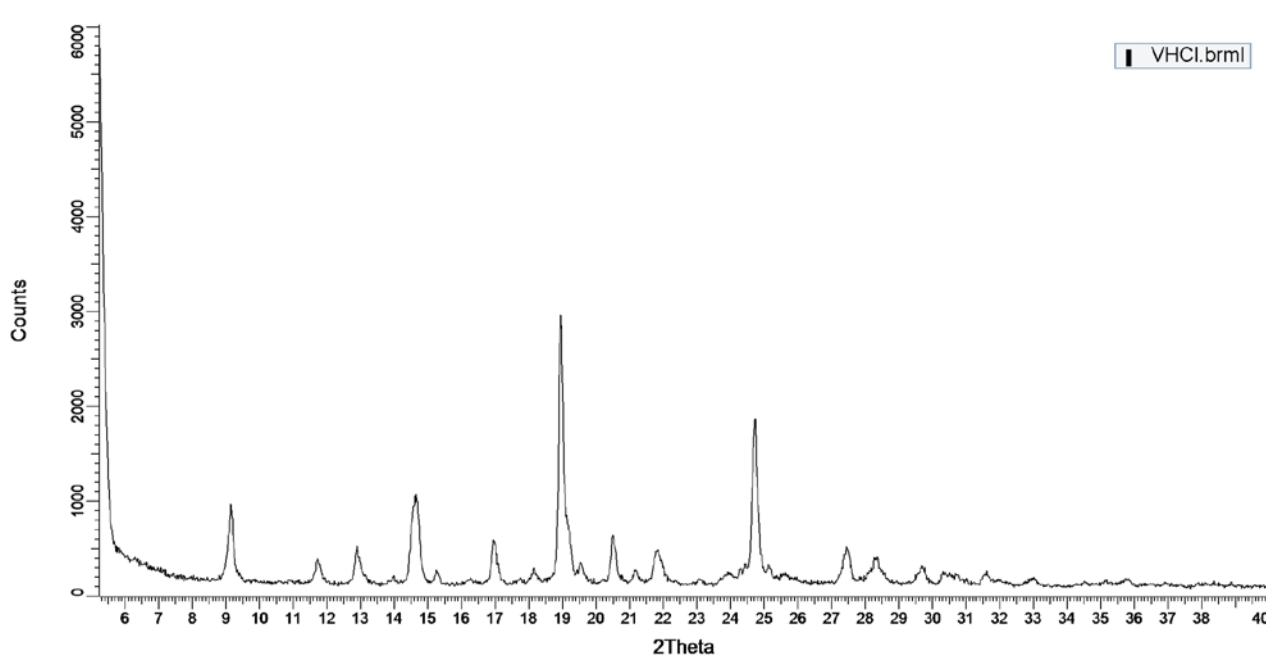


FIG. 1 shows a PXR of the vilazodone hydrochloride starting material bought from Sigma-Aldrich.

Figure 2

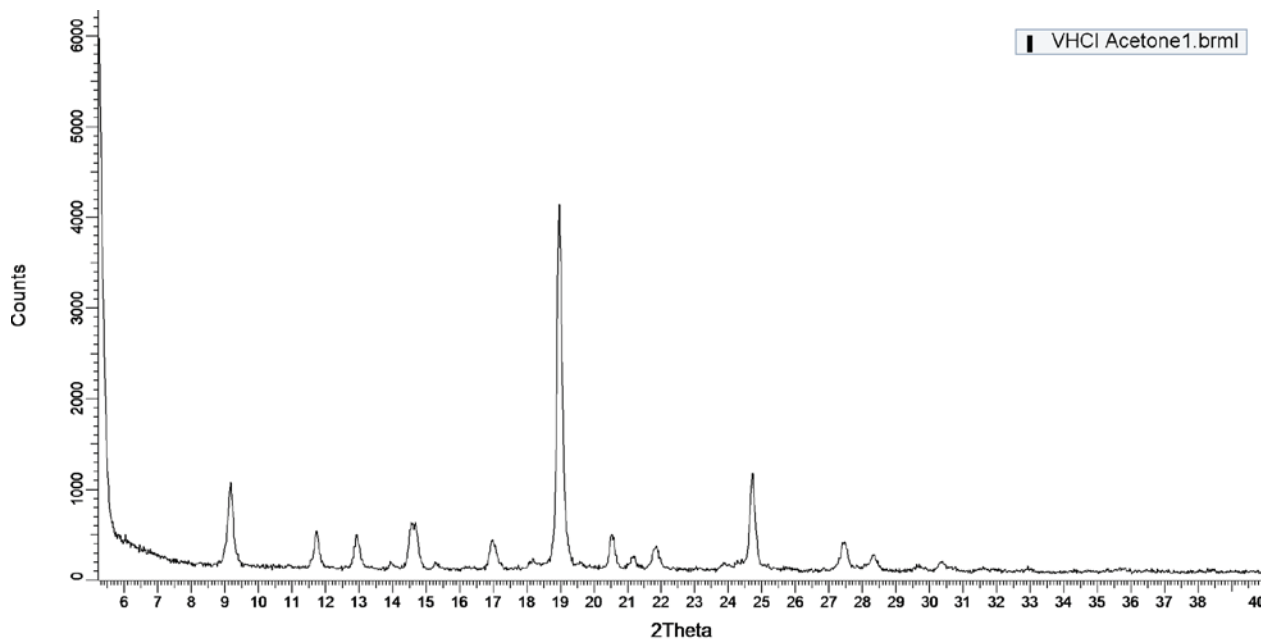


FIG. 2 shows a PXR of vilazodone hydrochloride after being dispersed in acetone

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Figure 3

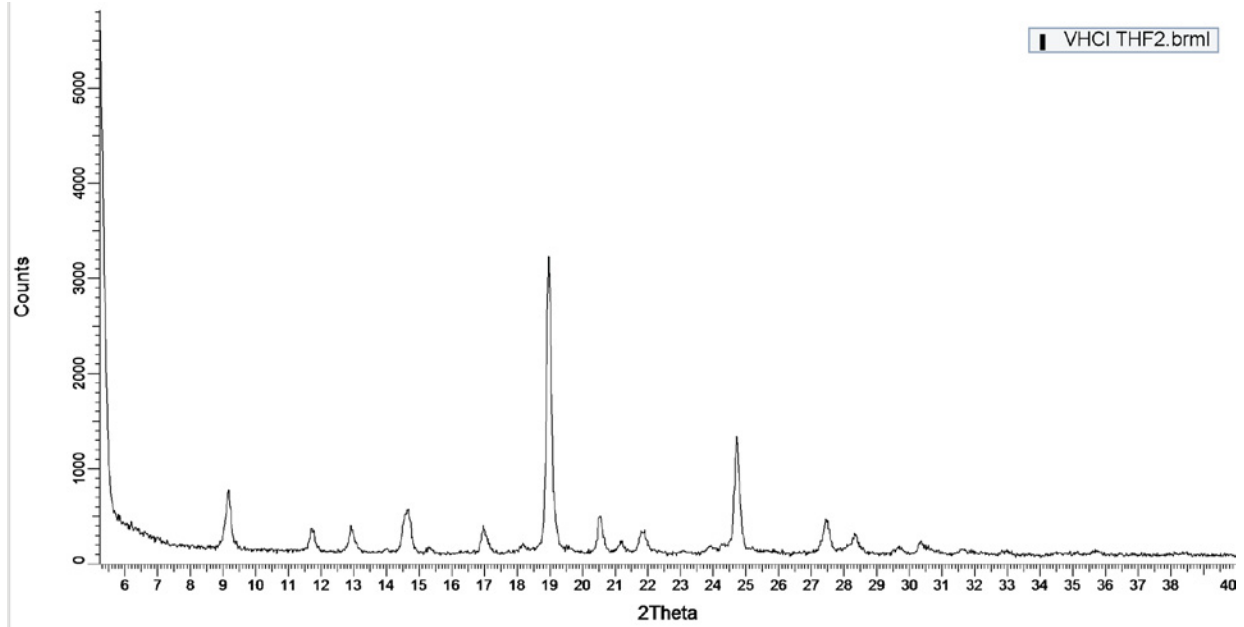


FIG. 3 shows a PXRD of vilazodone hydrochloride after being dispersed in tetrahydrofuran

Figure 4

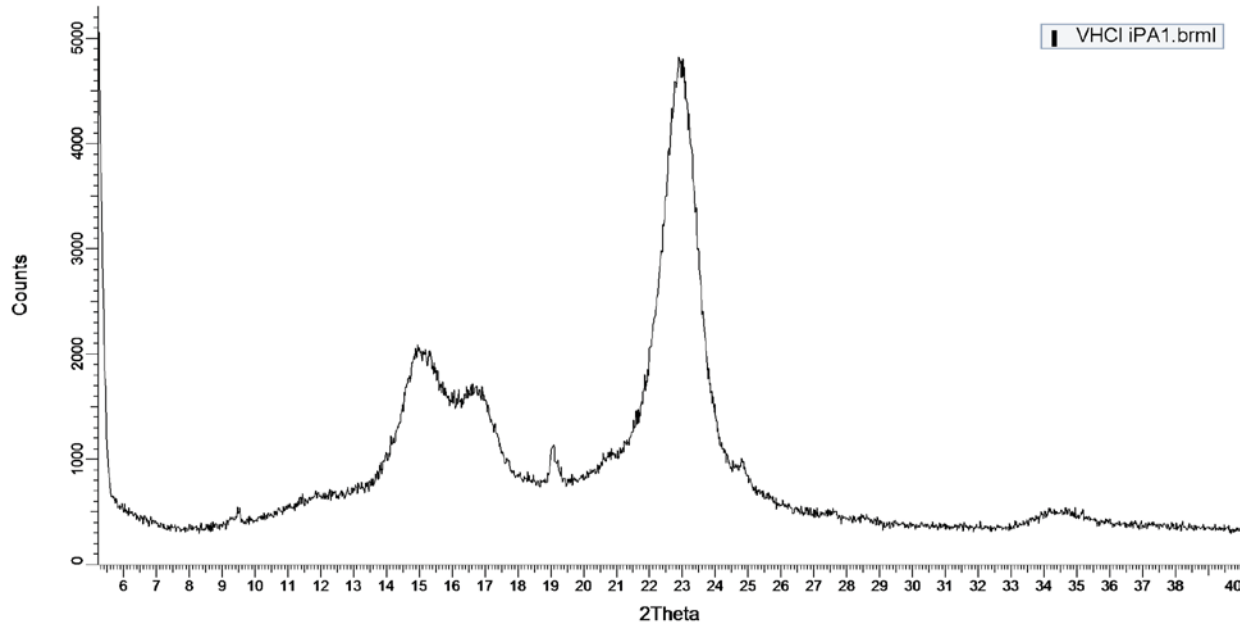


FIG. 4 shows a PXRD of vilazodone hydrochloride after dispersed in isopropanol

Figure 5

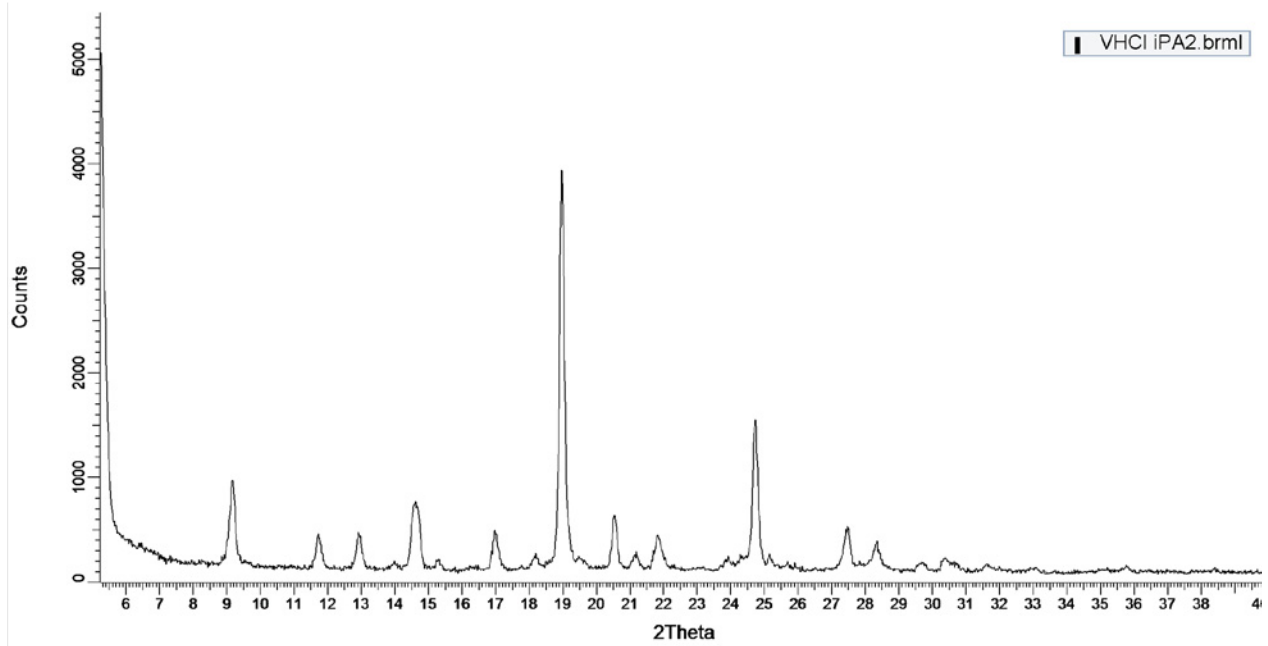


FIG. 5 shows a second PXRD of vilazodone hydrochloride after dispersed in isopropanol

Figure 6

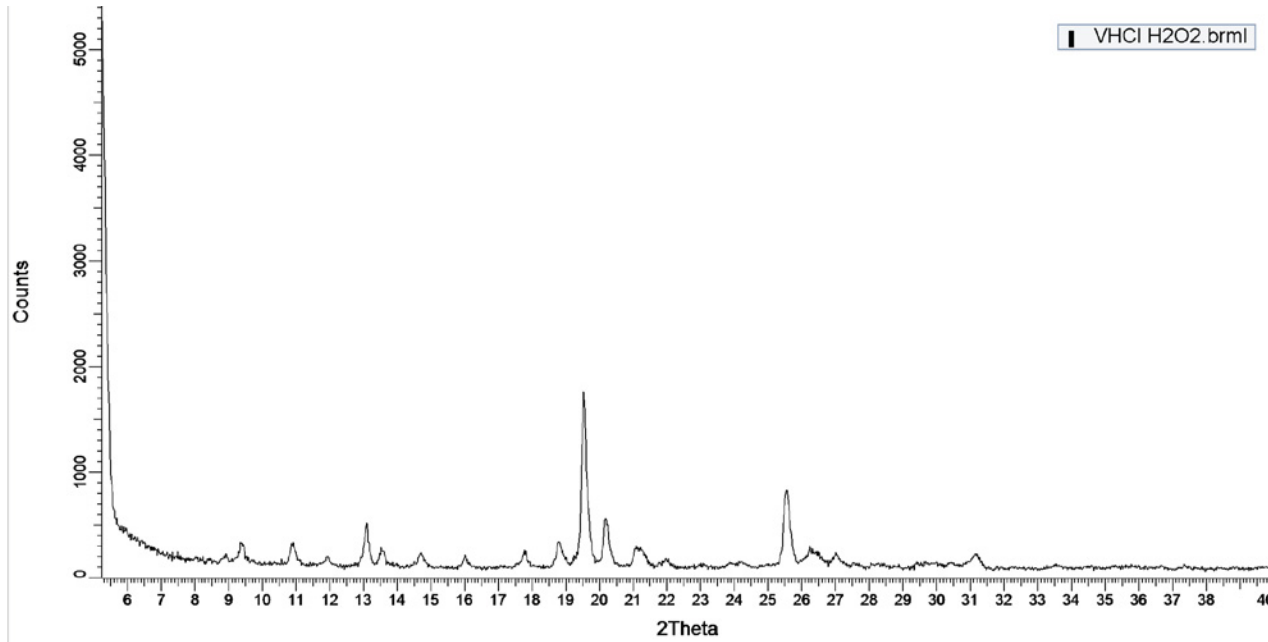


FIG. 6 shows a second PXRD of vilazodone hydrochloride after dispersed in water

**Figure 7**

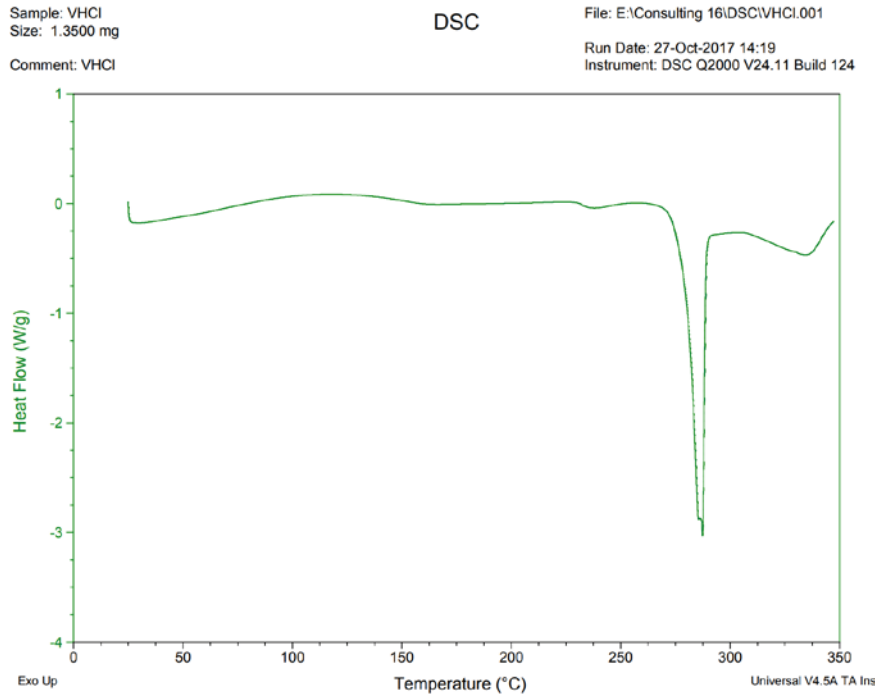


FIG. 7 shows a DSC of vilazodone hydrochloride starting material purchased from Sigma-Aldrich

**Figure 8**

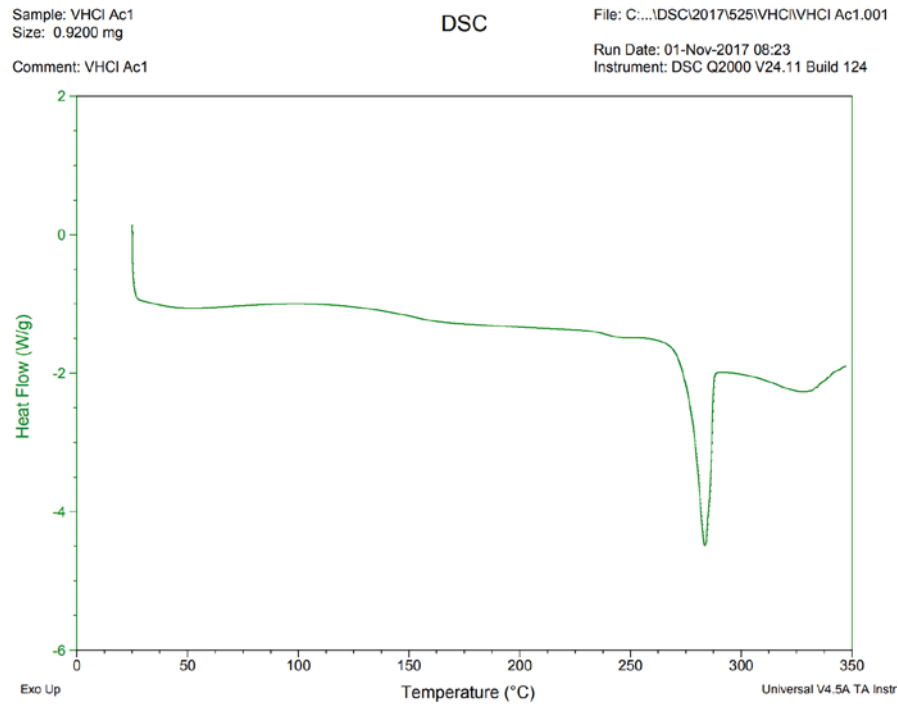


FIG. 8 shows a DSC of vilazodone hydrochloride dispersed in acetone

**Figure 9**

Sample: VHCl iPA  
Size: 1.1700 mg  
Comment: VHCl iPA

DSC

File: E:\Consulting 16\DSC\VHCl iPA.001  
Run Date: 27-Oct-2017 10:07  
Instrument: DSC Q2000 V24.11 Build 124

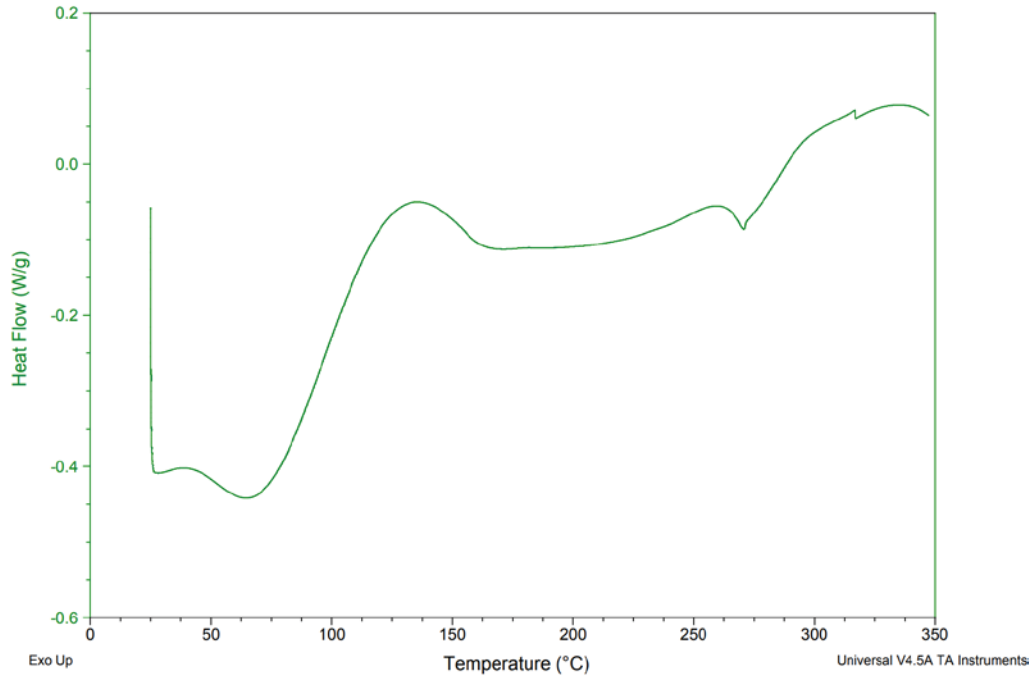


FIG. 9 shows a DSC of vilazodone hydrochloride dispersed in isopropanol

**Figure 10**

Sample: VHCl iPA2  
Size: 1.6500 mg  
Comment: VHCl iPA2

DSC

File: C:\...DSC\20171525\VHCl\VHCl iPA2.001  
Run Date: 01-Nov-2017 07:01  
Instrument: DSC Q2000 V24.11 Build 124

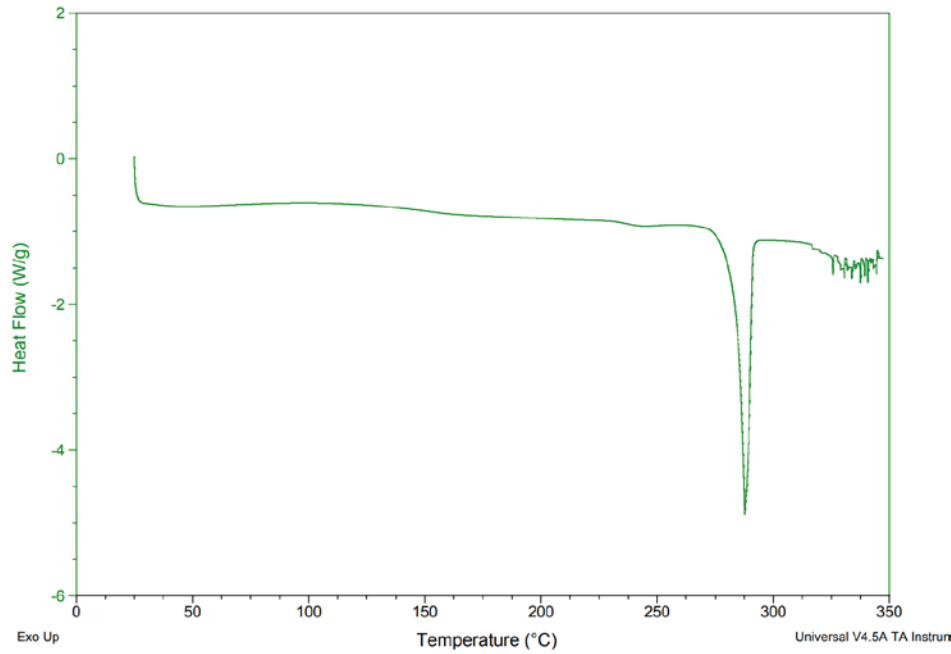


FIG. 10 shows a second DSC of vilazodone hydrochloride dispersed in isopropanol

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