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## **Supporting Information**

### **Unzipping the Dimer in Primary Amides by Cocrystallization with Sulfoxides**

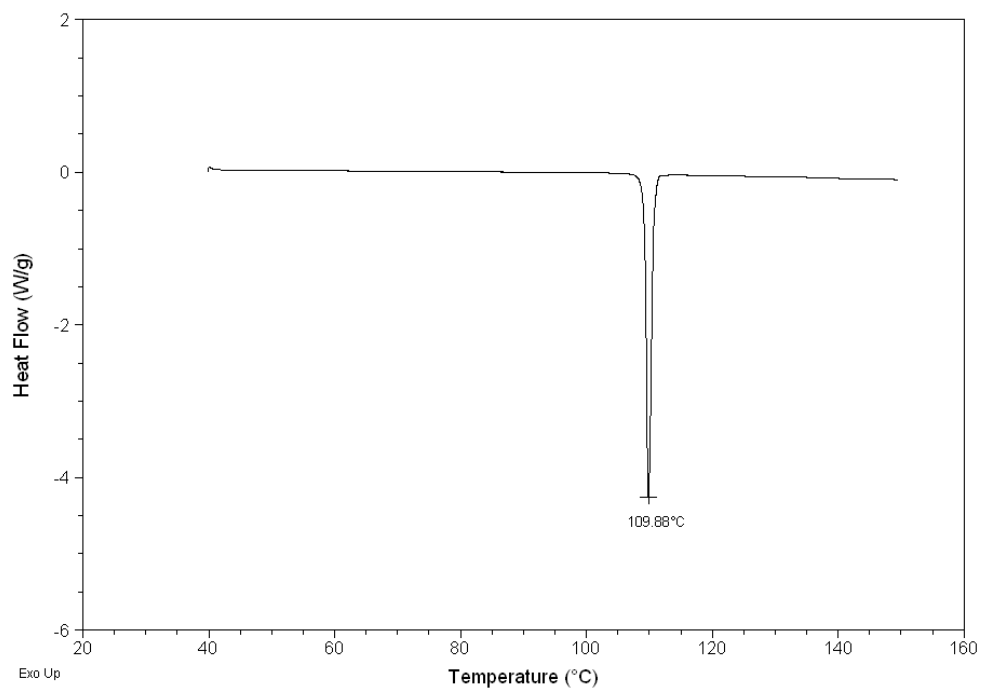
*Kevin S. Eccles, Curtis J. Elcoate, Anita R. Maguire and Simon E. Lawrence*

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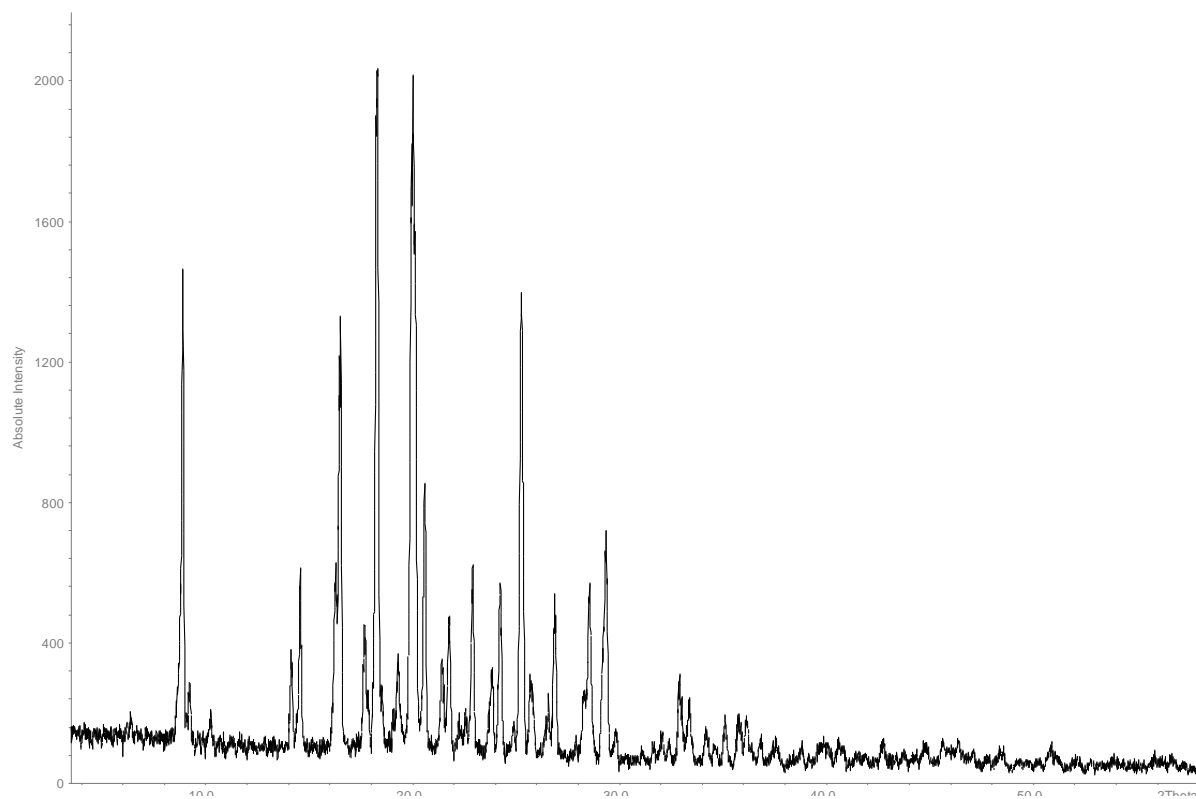
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## Experimental Data and Figures for 3b

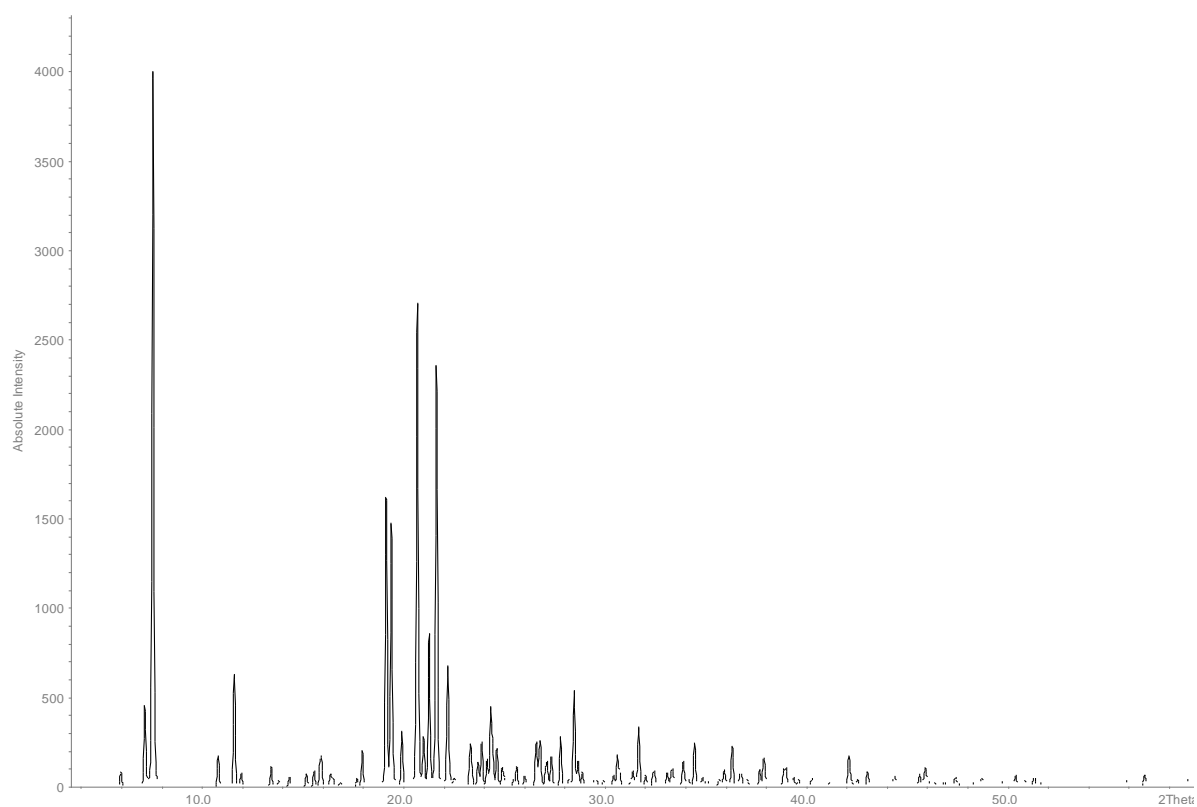
DSC of **3b**.



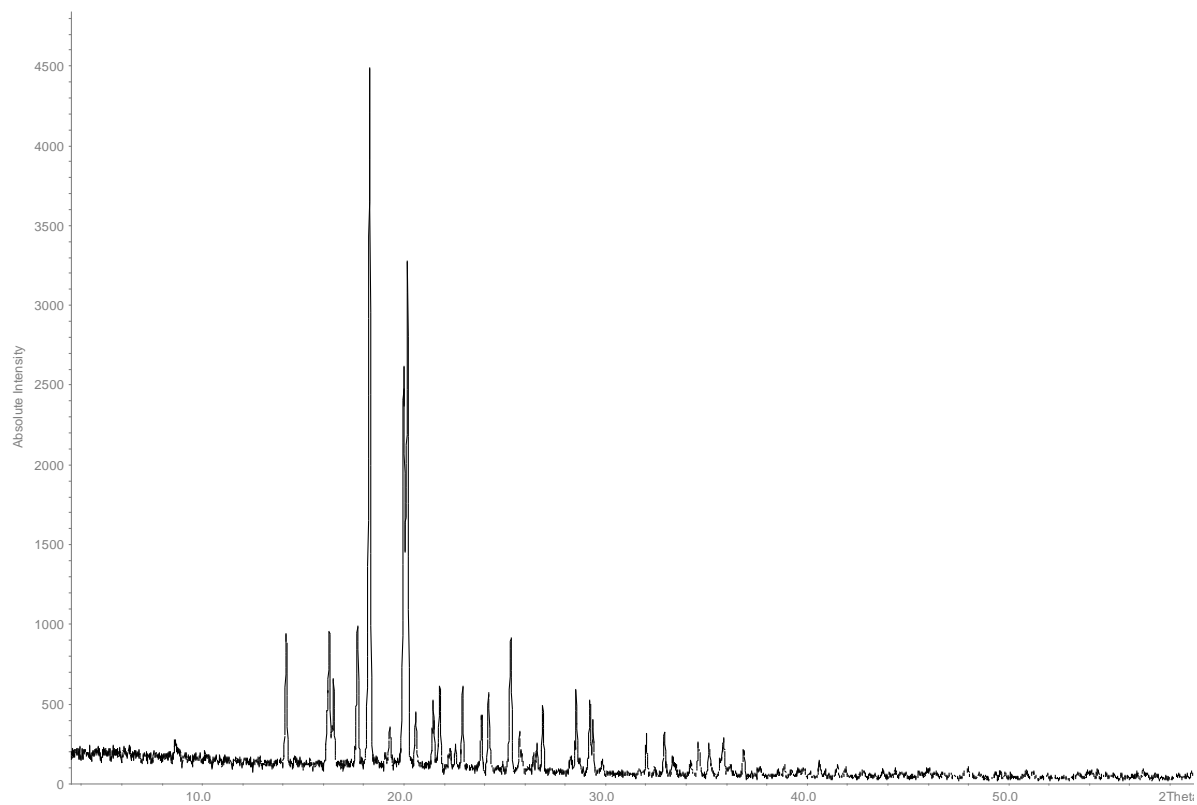
PXRD pattern of **3b** obtained from grinding.



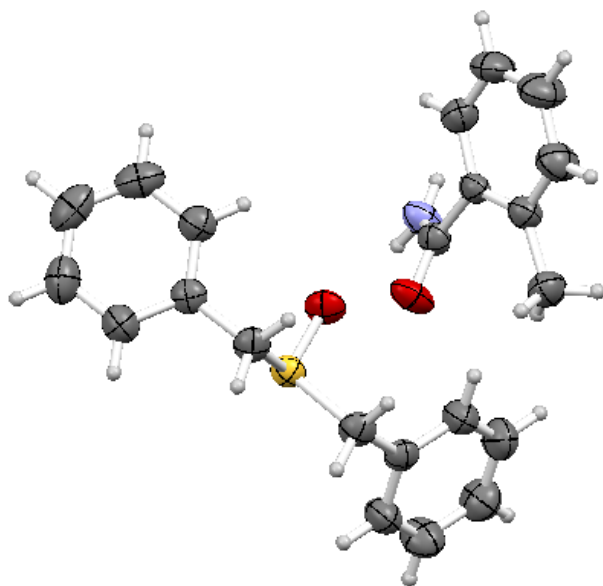
Theoretical PXRD pattern of **3b**.



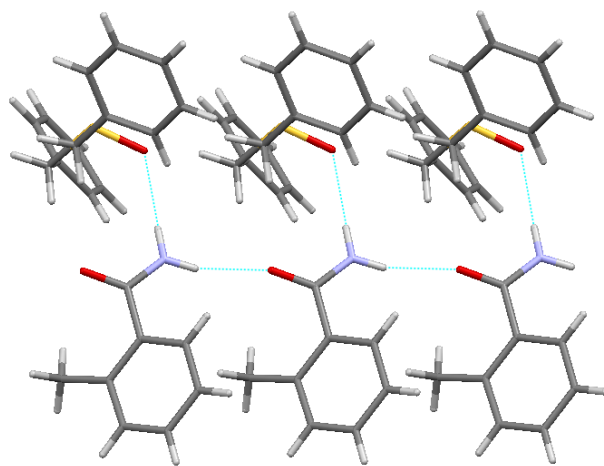
PXRD pattern of **3b** obtained from solution crystallisation.



ORTEP plot of **3b** (ellipsoids shown at 50% probability).



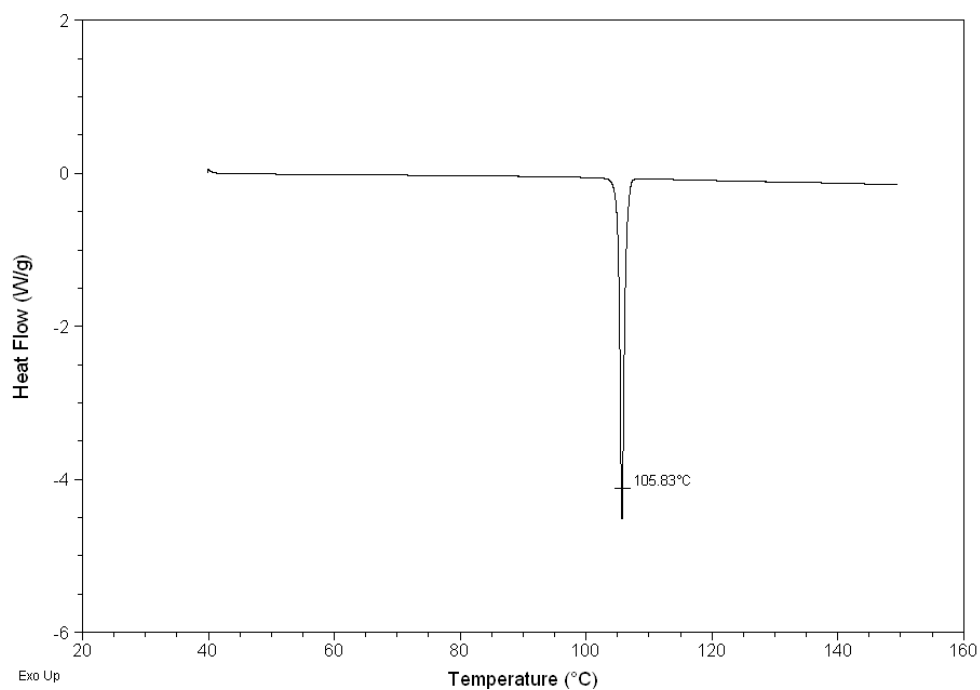
Hydrogen bonding involving the amide hydrogens in **3b**.



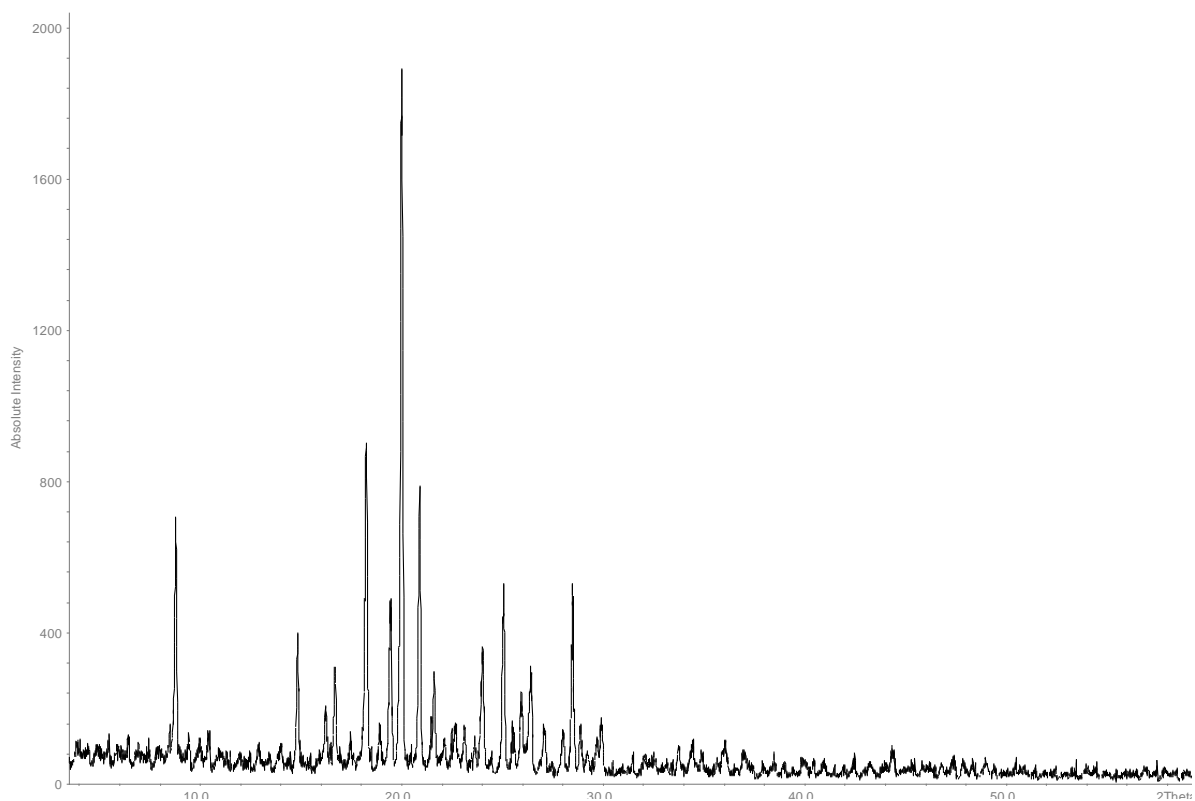
# Experimental

## Data and Figures for 3c

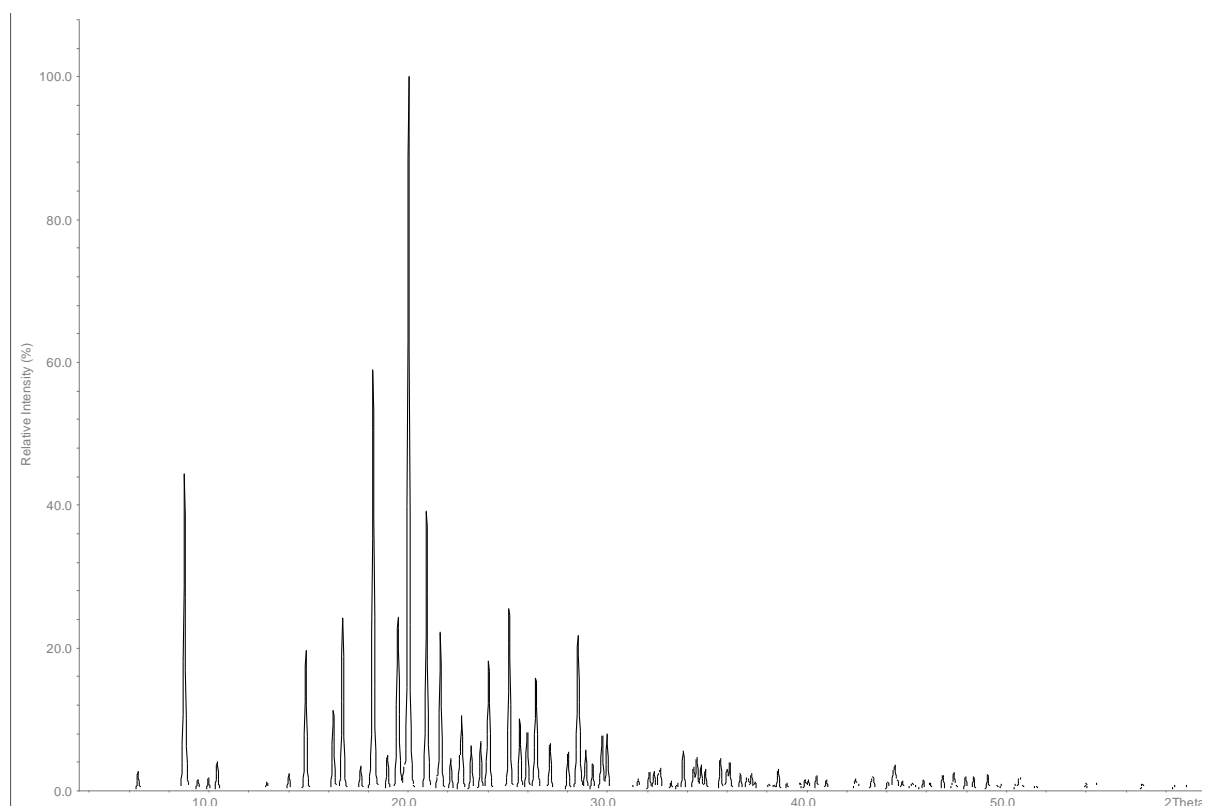
DSC of 3c.



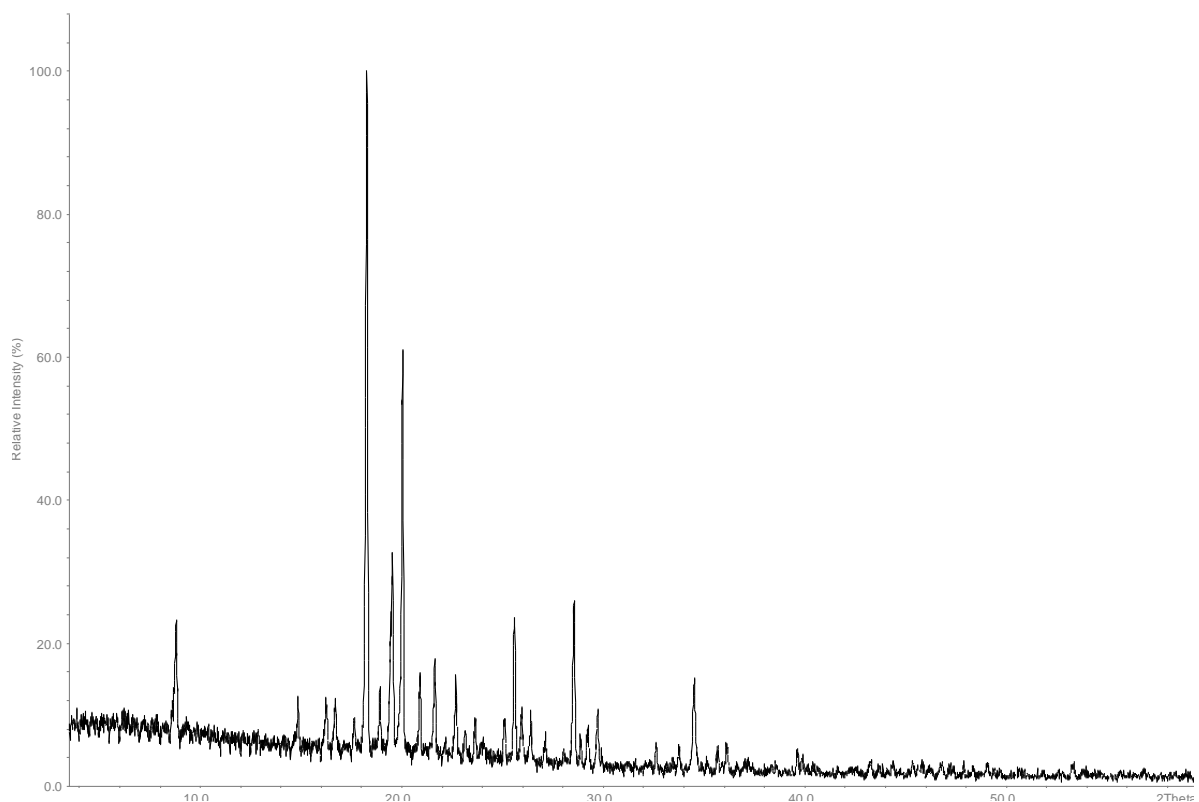
PXRD pattern of 3c obtained from grinding.



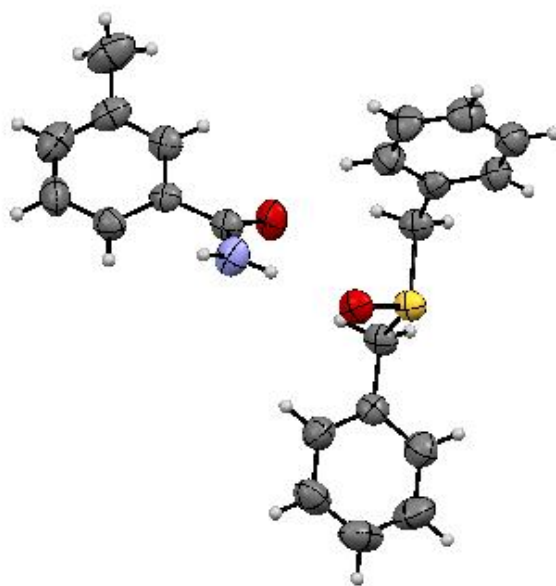
Theoretical PXRD pattern of **3c**.



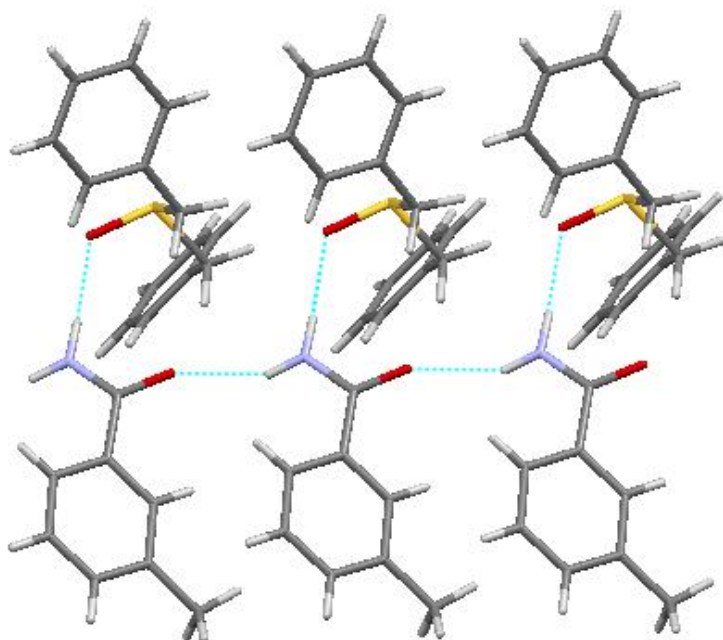
PXRD pattern of **3c** obtained from solution crystallisation.



ORTEP plot of **3c** (ellipsoids shown at 50% probability).



Hydrogen bonding involving the amide hydrogens in **3c**.

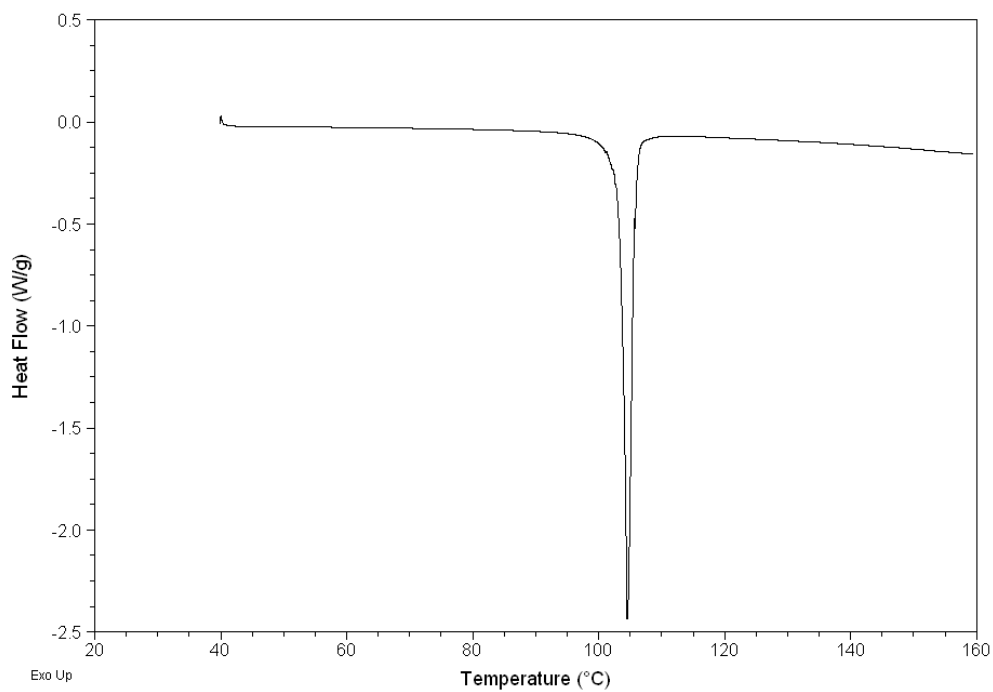




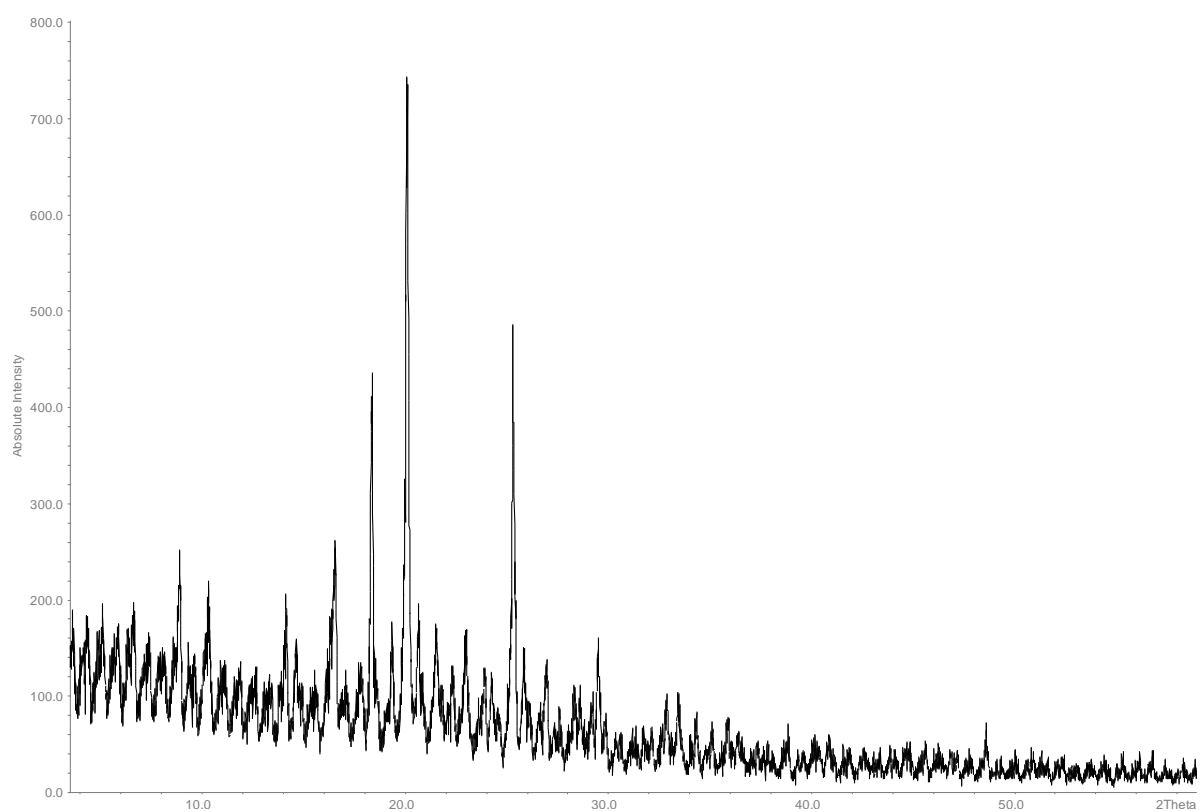
# Experimental

## Data and Figures for 3i

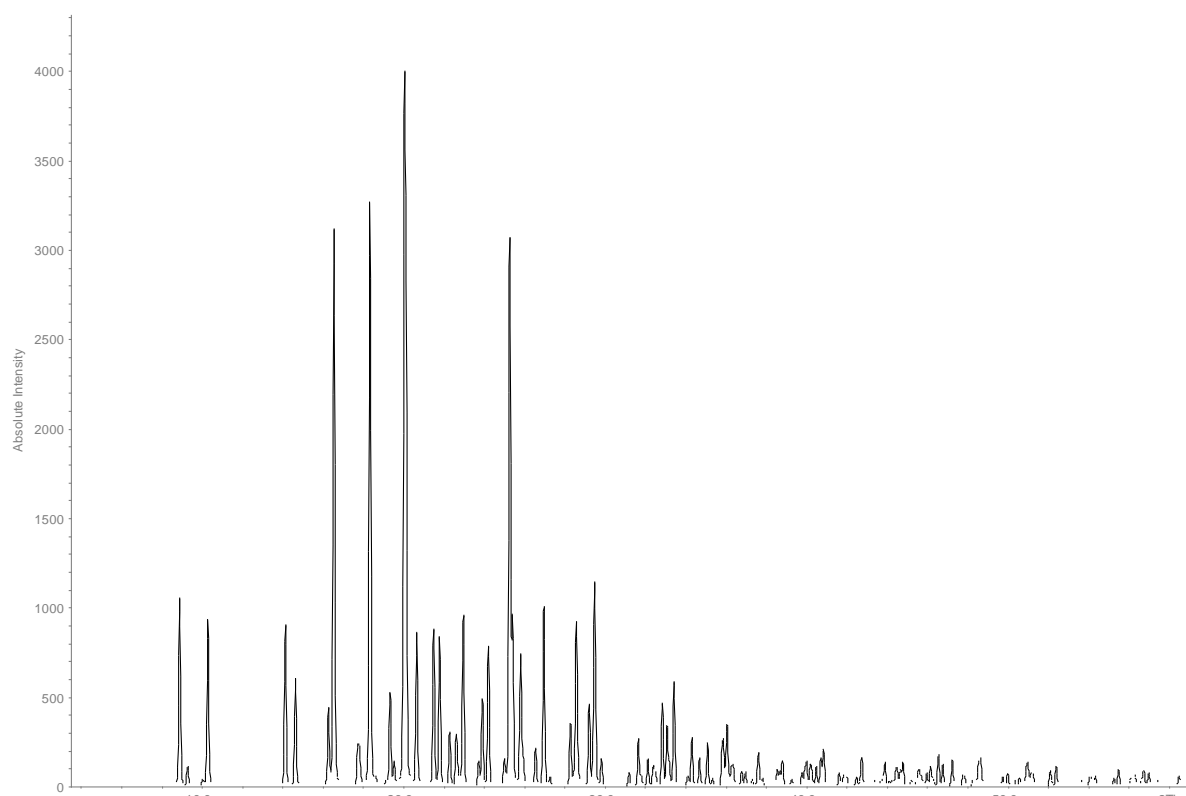
DSC of 3i.



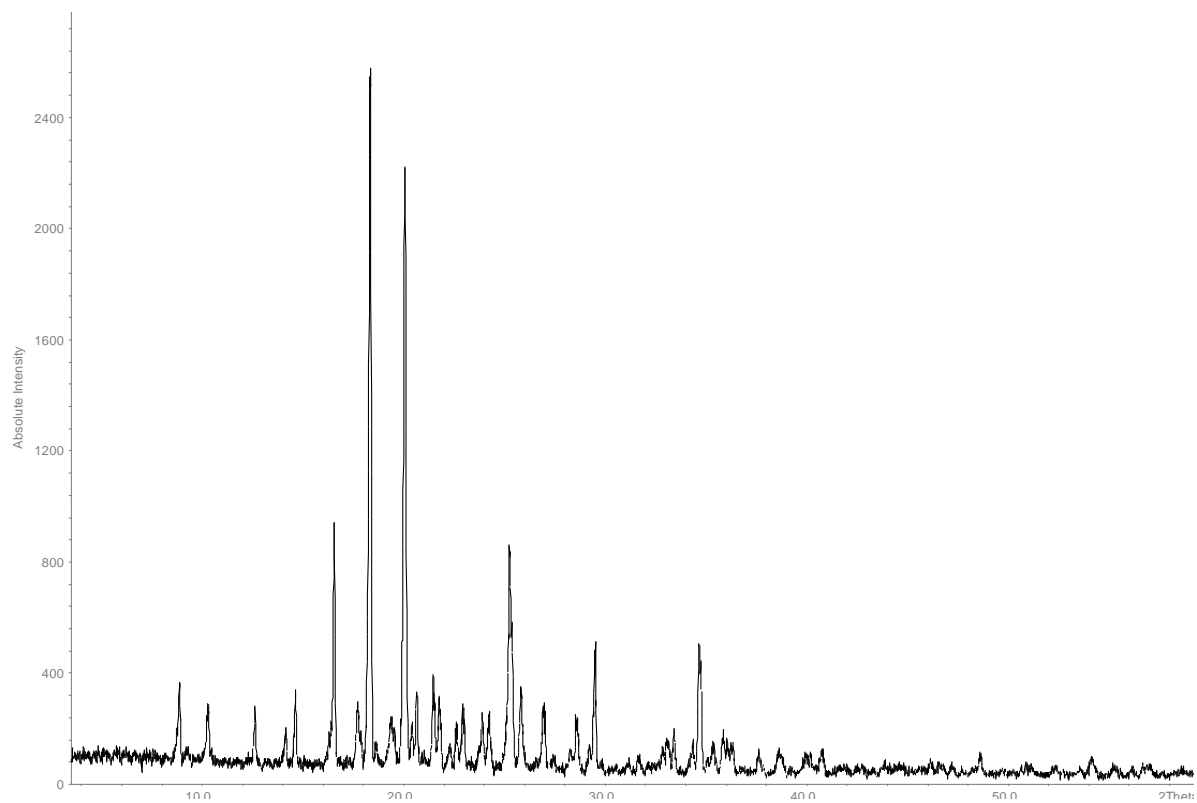
PXRD pattern of 3i obtained from grinding.



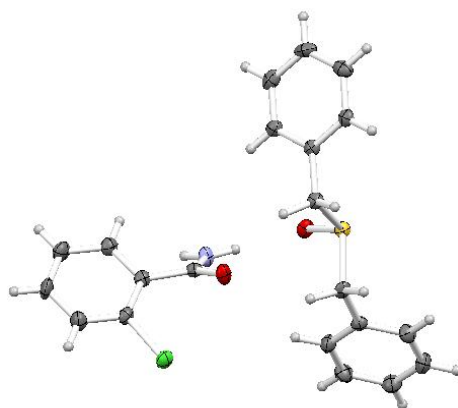
Theoretical PXRD pattern of **3i**.



PXRD pattern of **3i** obtained from solution crystallisation.



ORTEP plot of **3i** (ellipsoids shown at 50% probability).



Hydrogen bonding involving the amide hydrogens in **3i**.

