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**University College Cork, Ireland**  
Coláiste na hOllscoile Corcaigh

## **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*

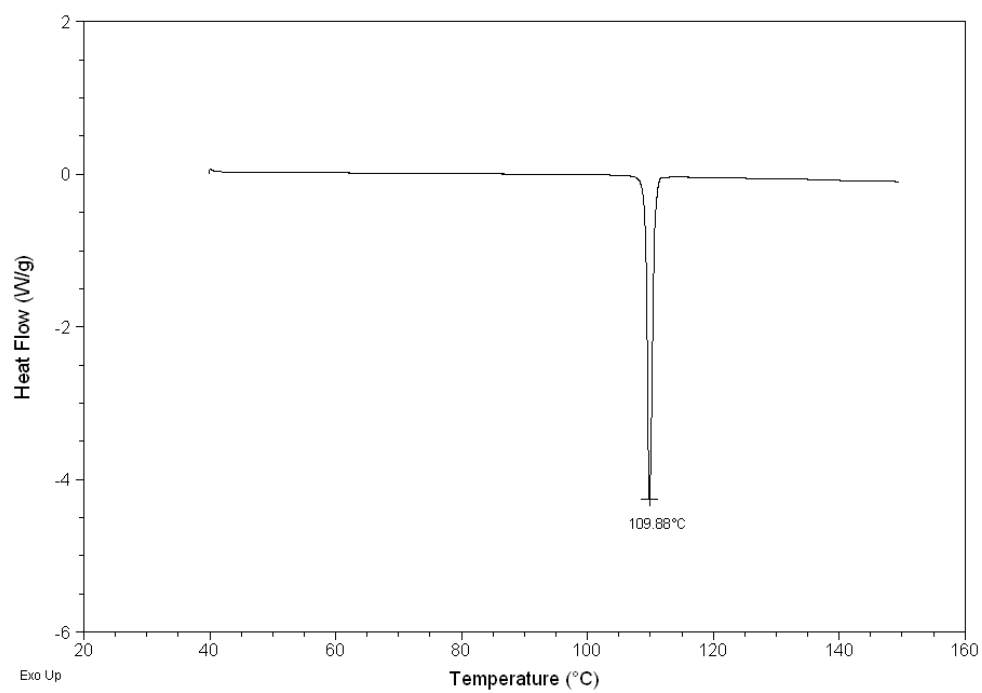
#### **Table of Contents**

	<b>Page</b>
Data and Figures for <b>3b</b> . [DSC, PXRD, Single crystal diagrams]	S2
Data and Figures for <b>3c</b> . [DSC, PXRD, Single crystal diagrams]	S5
Data and Figures for <b>3i</b> . [DSC, PXRD, Single crystal diagrams]	S8

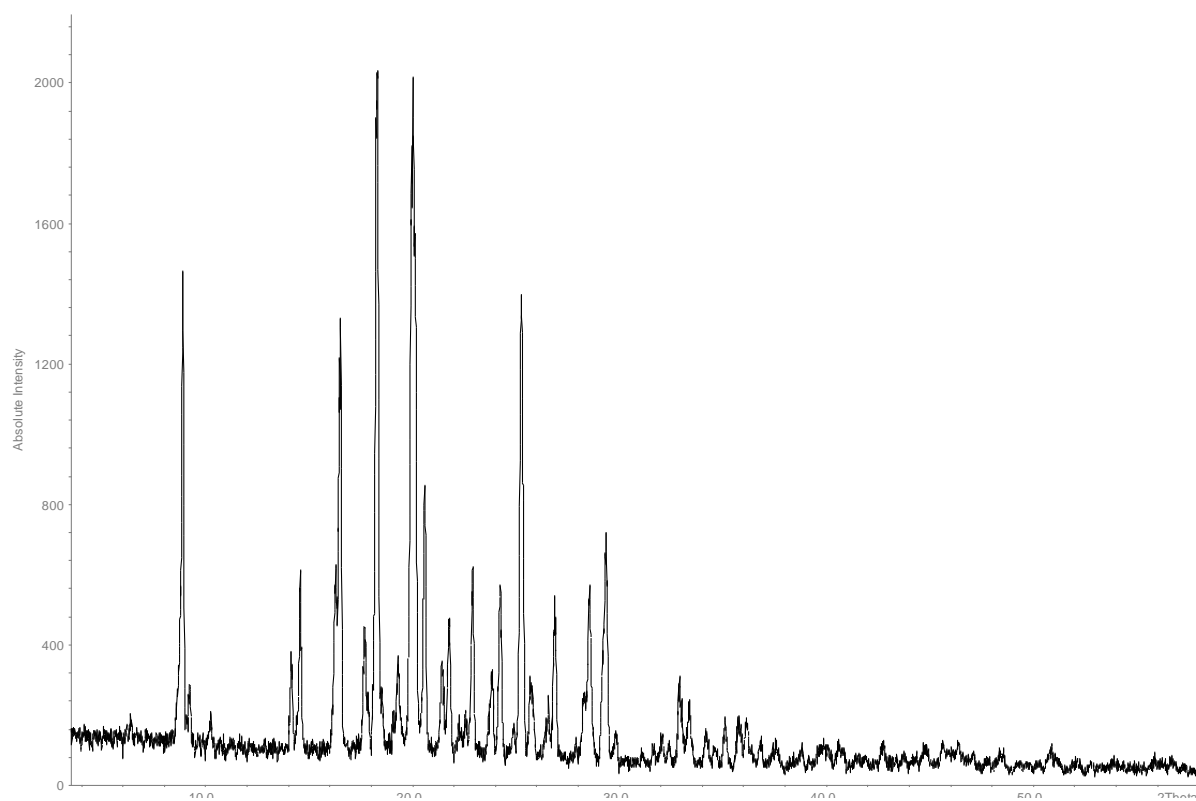
## Experimental

### Data and Figures for 3b

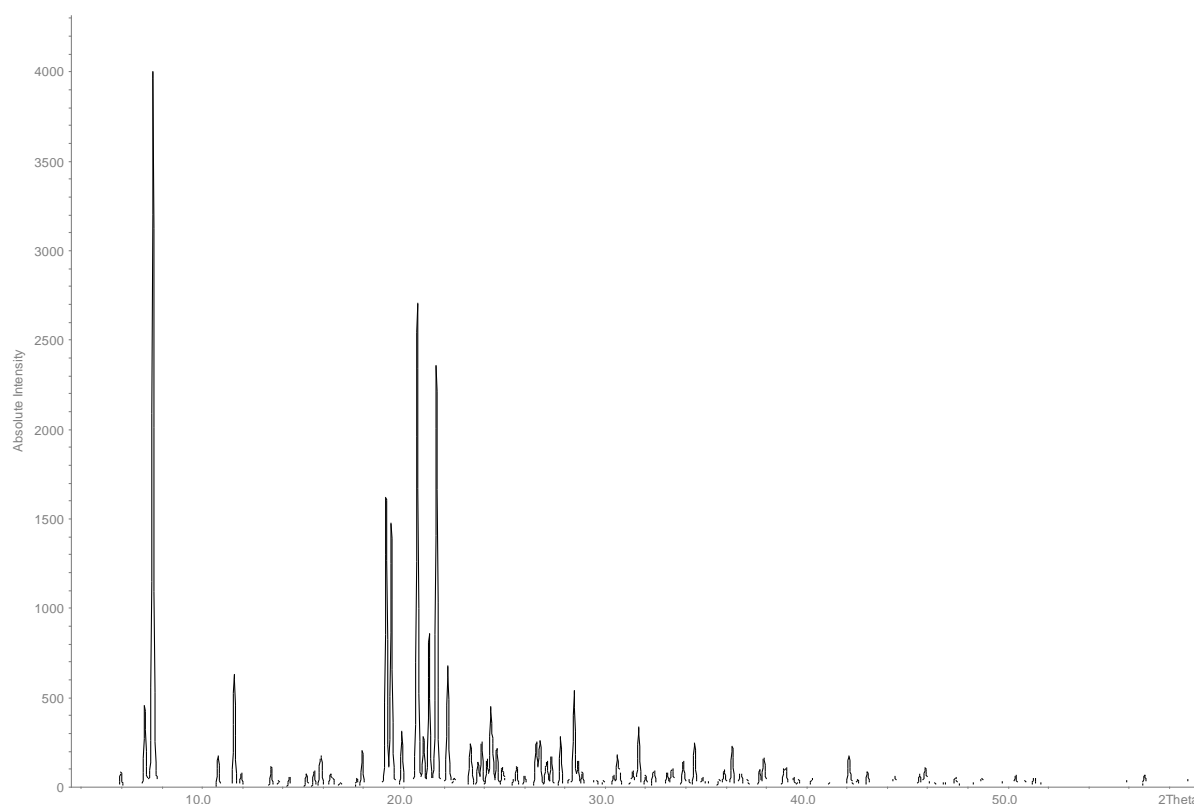
DSC of **3b**.



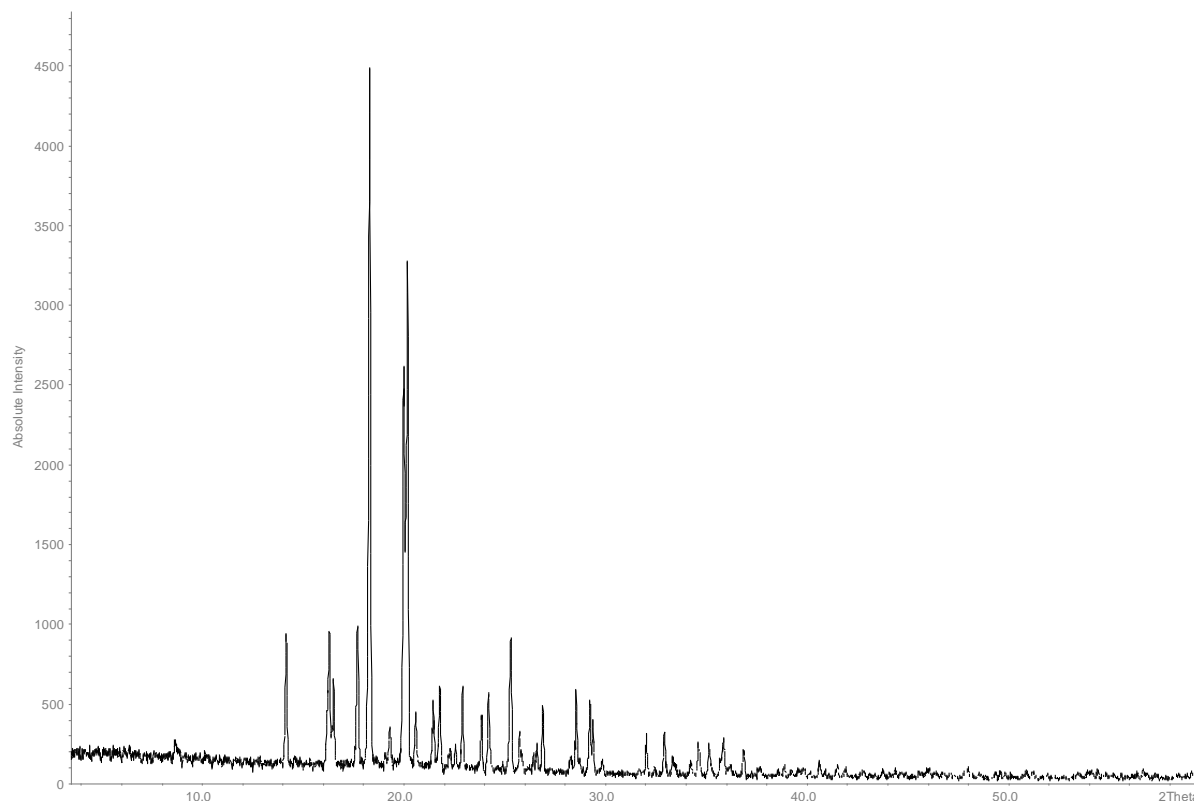
PXRD pattern of **3b** obtained from grinding.



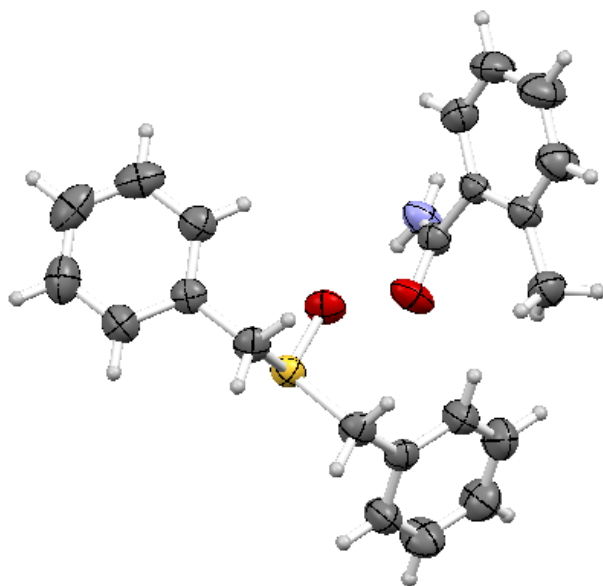
Theoretical PXRD pattern of **3b**.



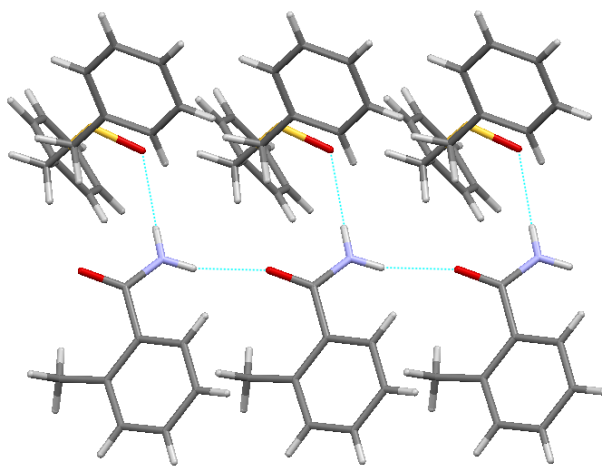
PXRD pattern of **3b** obtained from solution crystallisation.



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



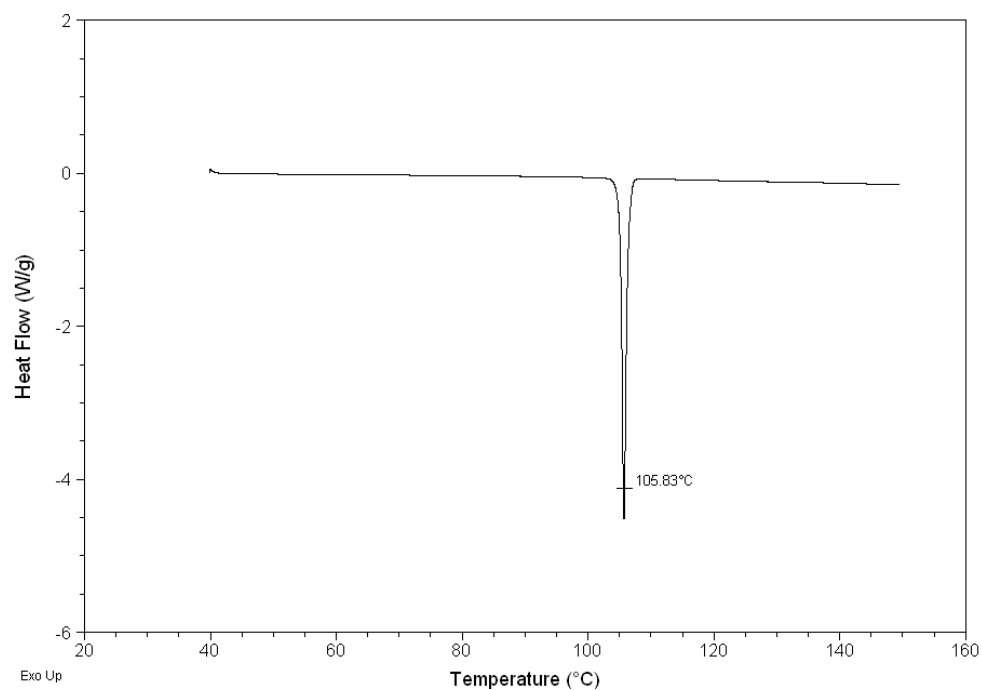
Hydrogen bonding involving the amide hydrogens in **3b**.



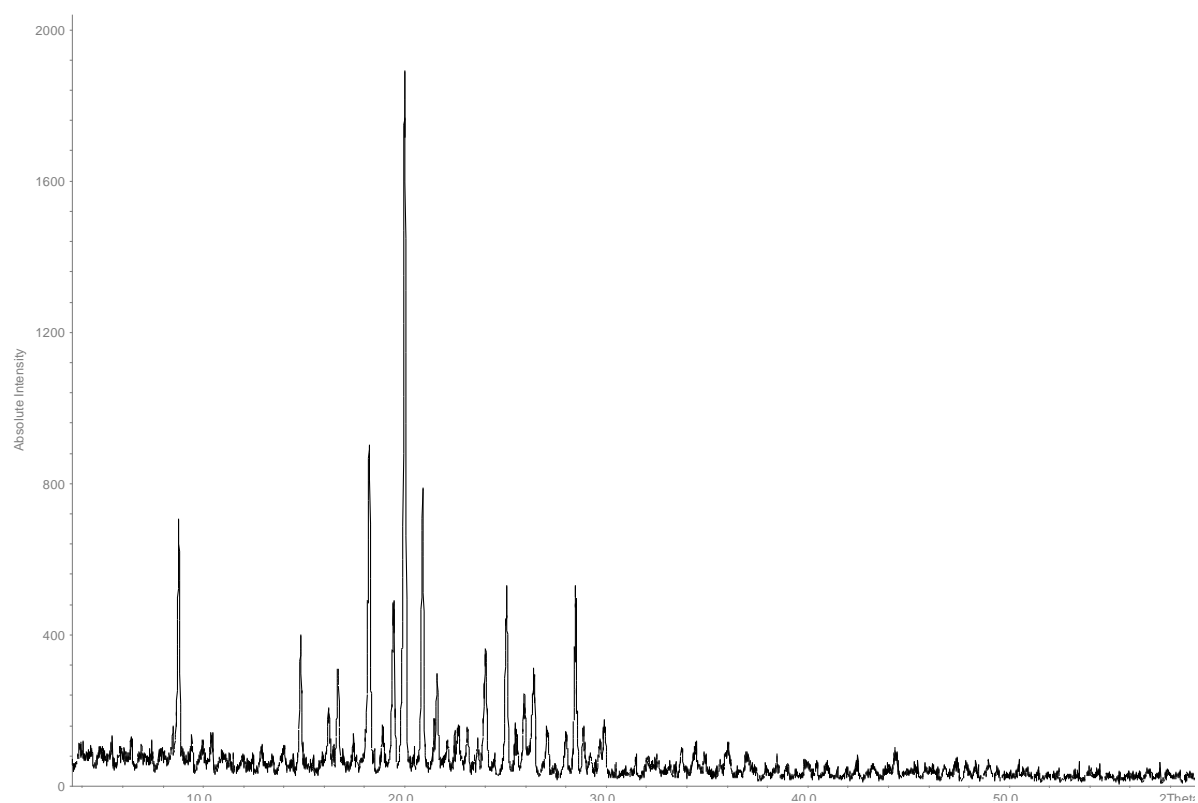
## Experimental

### Data and Figures for 3c

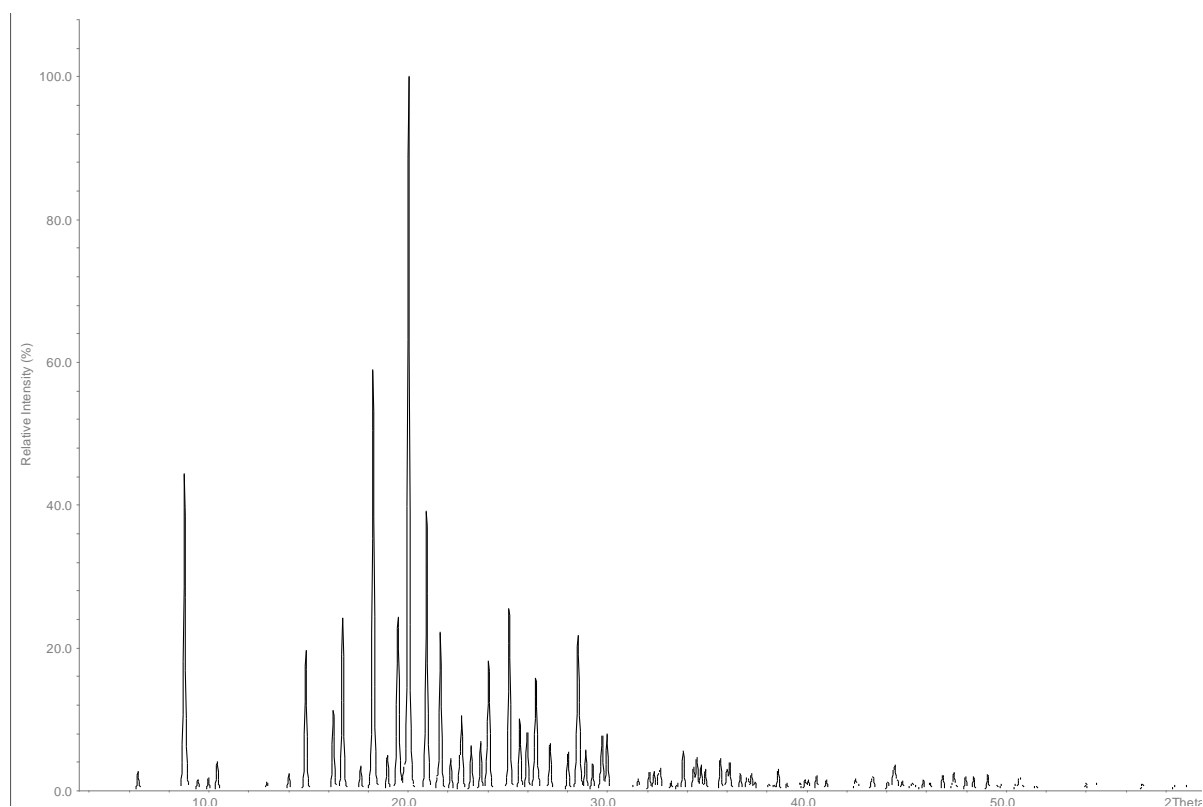
DSC of **3c**.



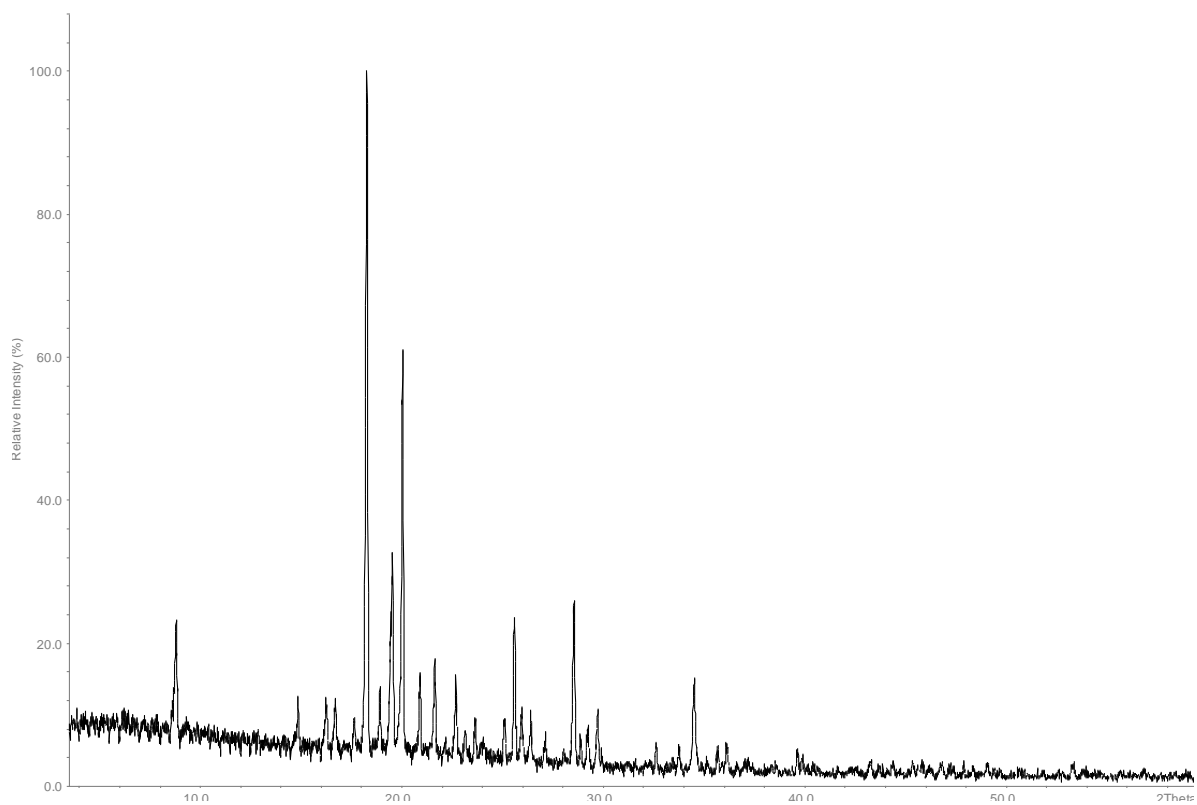
PXRD pattern of **3c** obtained from grinding.



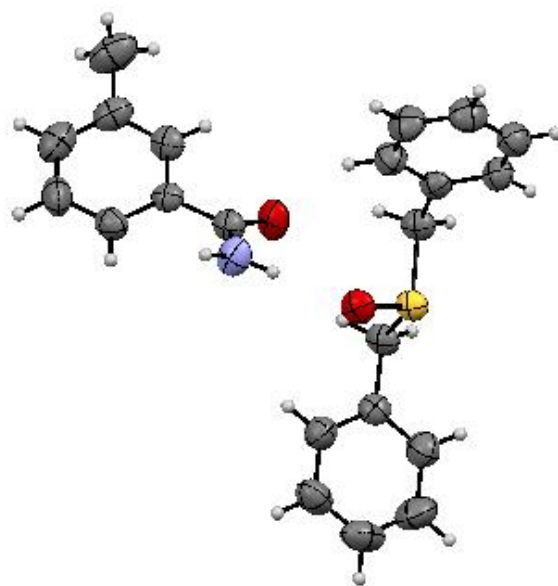
Theoretical PXRD pattern of **3c**.



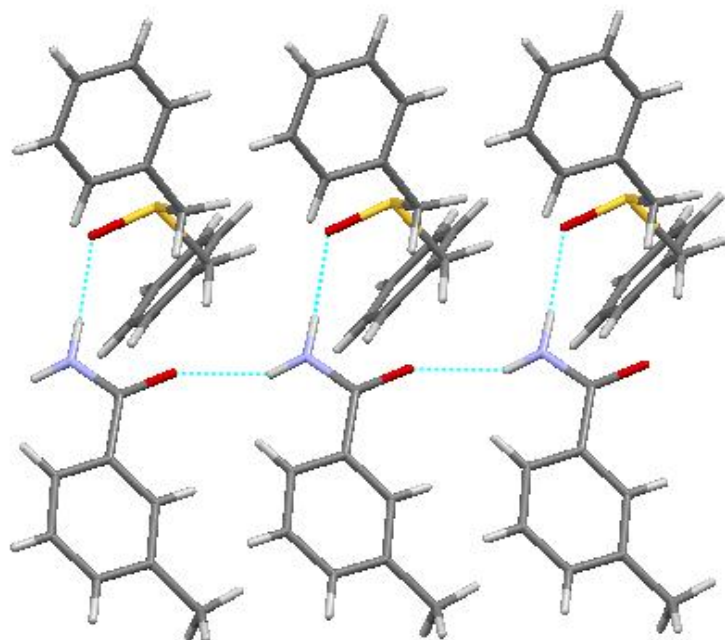
PXRD pattern of **3c** obtained from solution crystallisation.



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



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

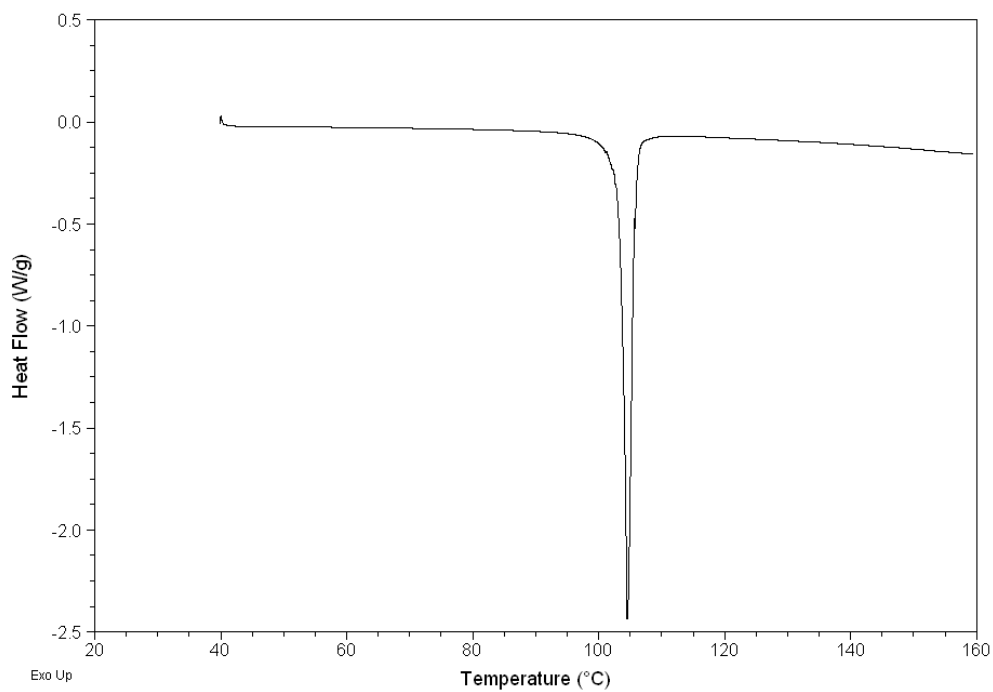




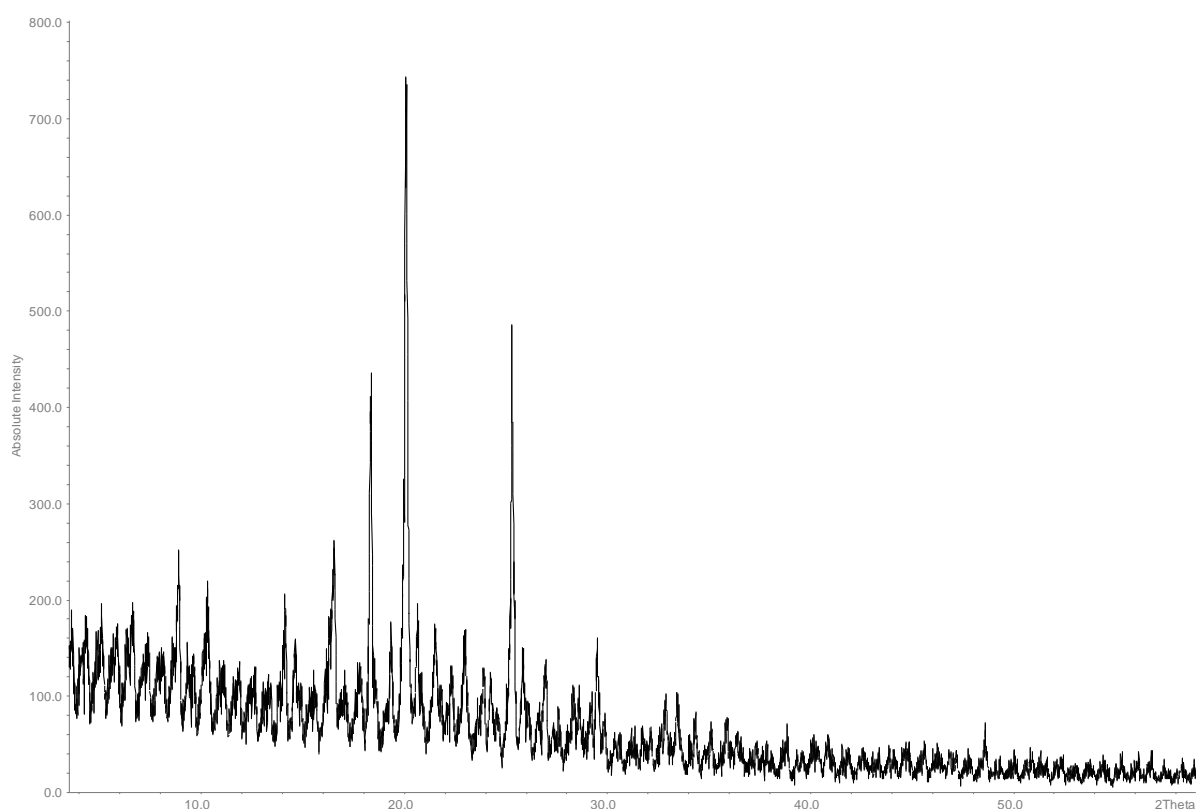
## Experimental

### Data and Figures for **3i**

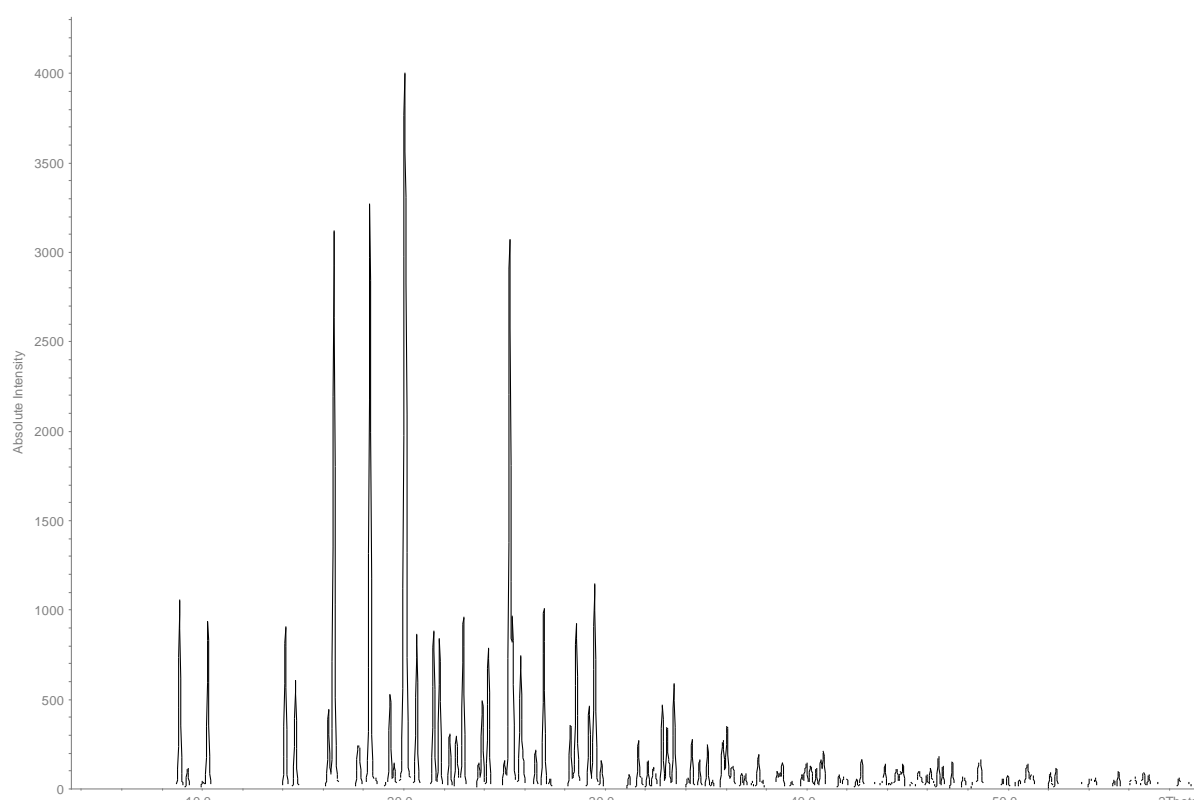
DSC of **3i**.



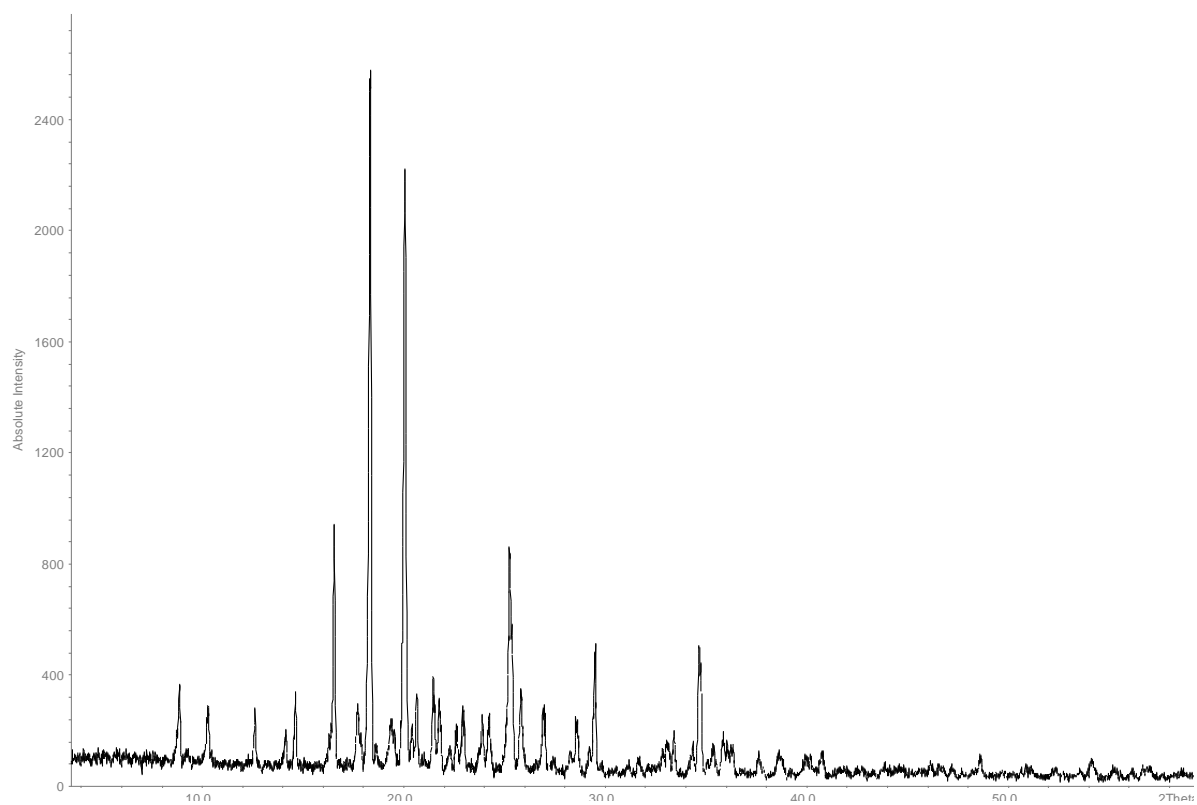
PXRD pattern of **3i** obtained from grinding.



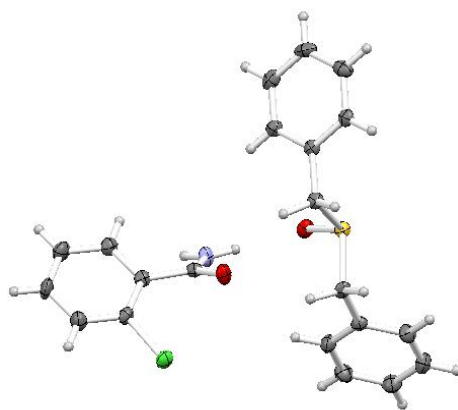
Theoretical PXRD pattern of **3i**.



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**.

