

**UCC Library and UCC researchers have made this item openly available.  
Please [let us know](#) how this has helped you. Thanks!**

<b>Title</b>	Unzipping the dimer in primary amides by cocrystallization with sulfoxides
<b>Author(s)</b>	Eccles, Kevin S.; Elcoate, Curtis J.; Maguire, Anita R.; Lawrence, Simon E.
<b>Publication date</b>	2011-01
<b>Original citation</b>	Eccles, Kevin S., Elcoate, Curtis J., Maguire, Anita R., Lawrence, Simon E. (2011) 'Unzipping the Dimer in Primary Amides by Cocrystallization with Sulfoxides'. <i>Crystal Growth &amp; Design</i> , 11 (10):4433-4439. <a href="http://pubs.acs.org/doi/full/10.1021/cg2006277">http://pubs.acs.org/doi/full/10.1021/cg2006277</a>
<b>Type of publication</b>	Article (peer-reviewed)
<b>Link to publisher's version</b>	<a href="http://pubs.acs.org/doi/full/10.1021/cg2006277">http://pubs.acs.org/doi/full/10.1021/cg2006277</a> <a href="http://dx.doi.org/10.1021/cg2006277">http://dx.doi.org/10.1021/cg2006277</a> Access to the full text of the published version may require a subscription.
<b>Rights</b>	© 2011 American Chemical Society. This document is the Accepted Manuscript version of a Published Work that appeared in final form in <i>Crystal Growth &amp; Design</i> , copyright © American Chemical Society after peer review and technical editing by the publisher. To access the final edited and published work see <a href="http://pubs.acs.org/doi/full/10.1021/cg2006277">http://pubs.acs.org/doi/full/10.1021/cg2006277</a>
<b>Item downloaded from</b>	<a href="http://hdl.handle.net/10468/943">http://hdl.handle.net/10468/943</a>

Downloaded on 2021-06-21T14:05:36Z

## **Supporting Information**

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

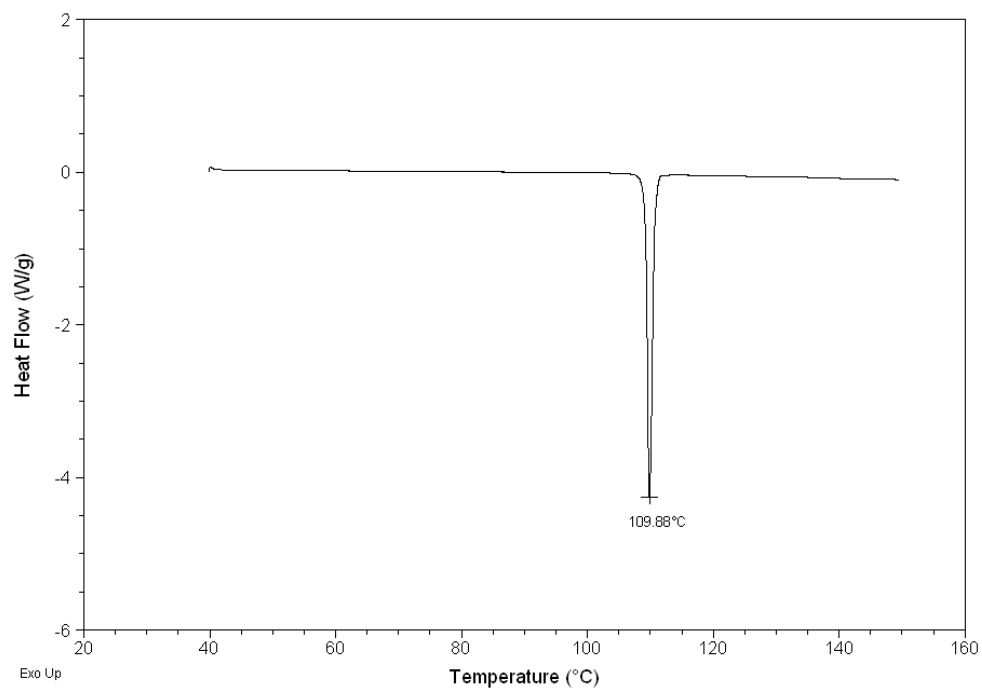
*Kevin S. Eccles, Curtis J. Elcoate, Anita R. Maguire and Simon E. Lawrence*

#### **Table of Contents**

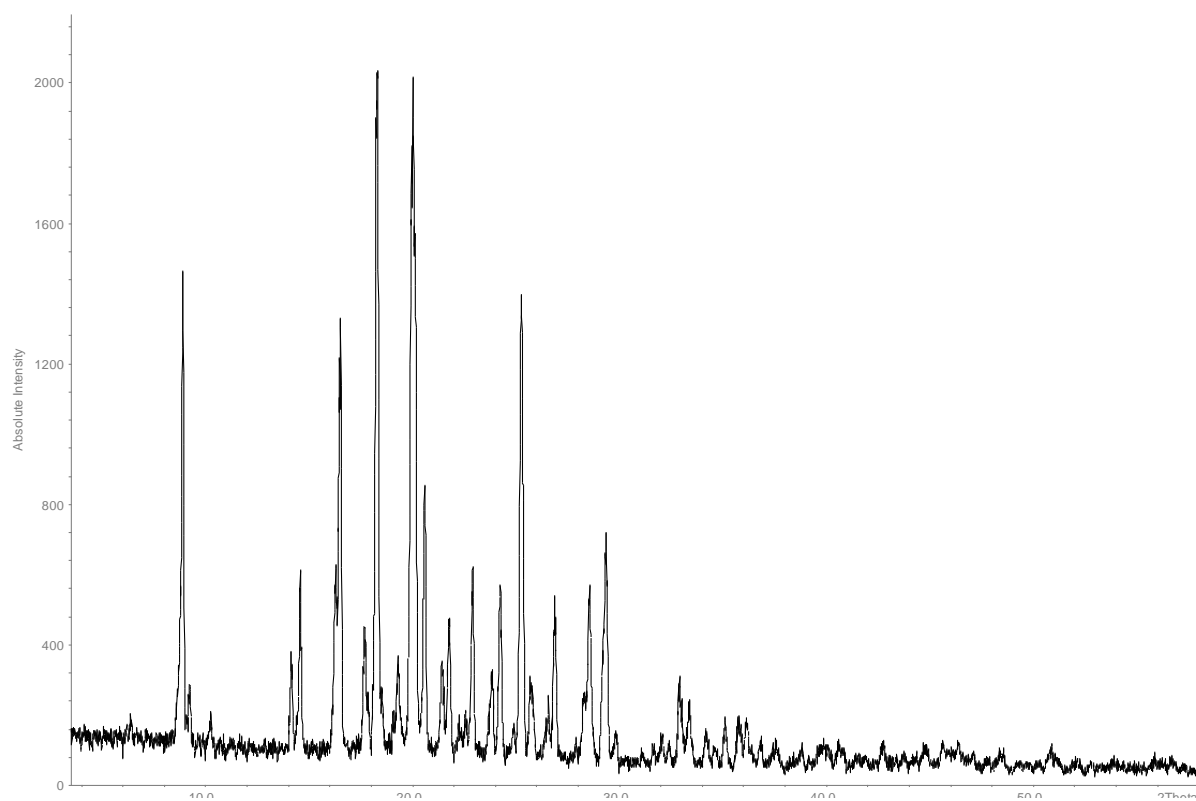
	<b>Page</b>
Data and Figures for <b>3b</b> . [DSC, PXRD, Single crystal diagrams]	S2
Data and Figures for <b>3c</b> . [DSC, PXRD, Single crystal diagrams]	S5
Data and Figures for <b>3i</b> . [DSC, PXRD, Single crystal diagrams]	S8

## Experimental Data and Figures for 3b

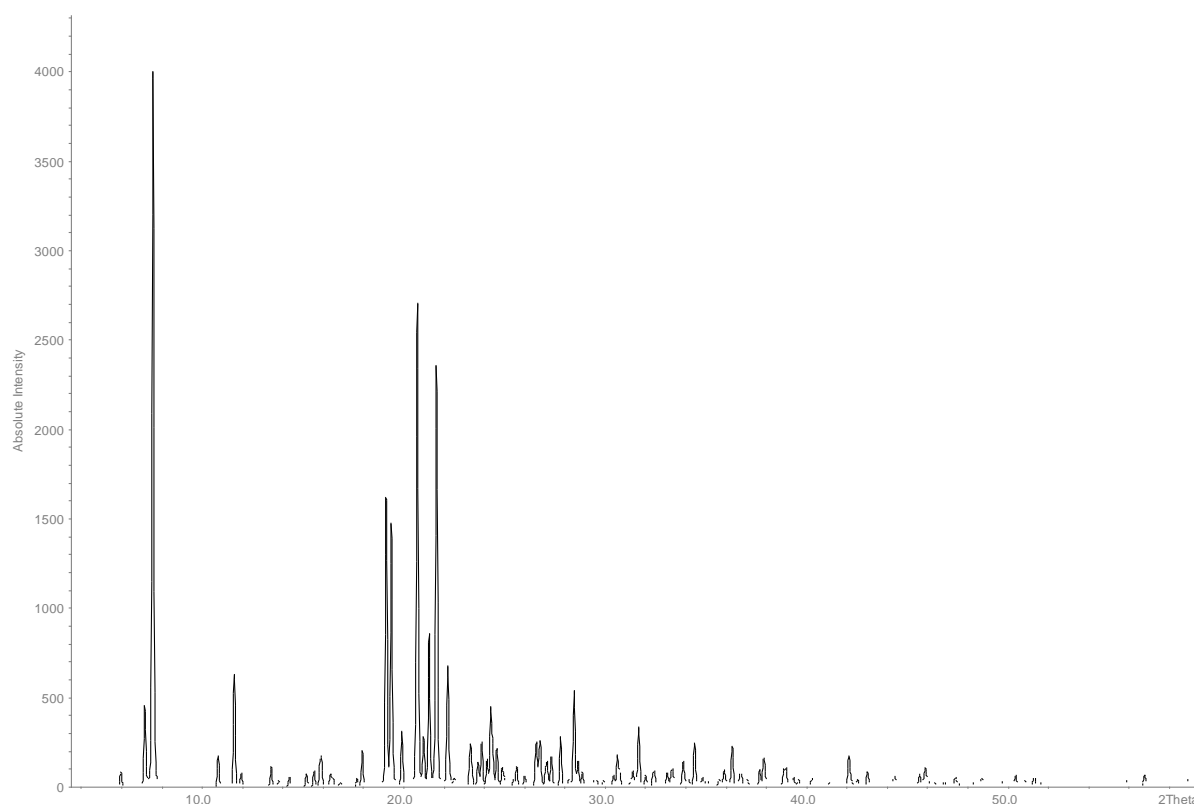
DSC of **3b**.



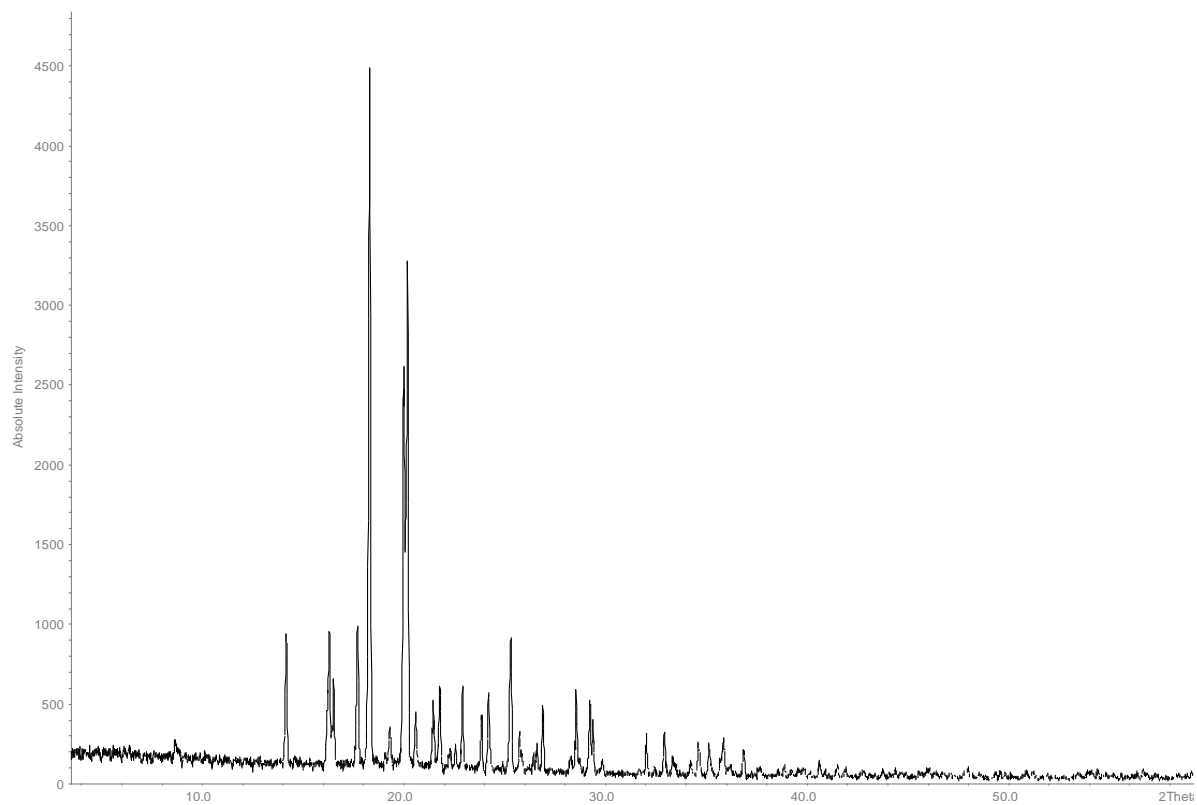
PXRD pattern of **3b** obtained from grinding.



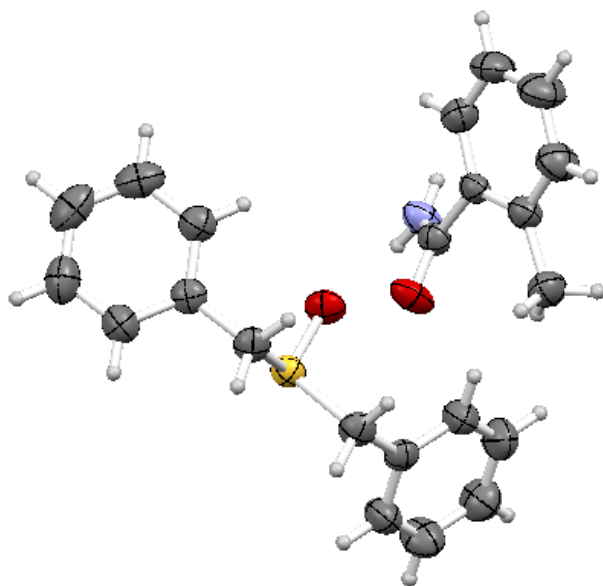
Theoretical PXRD pattern of **3b**.



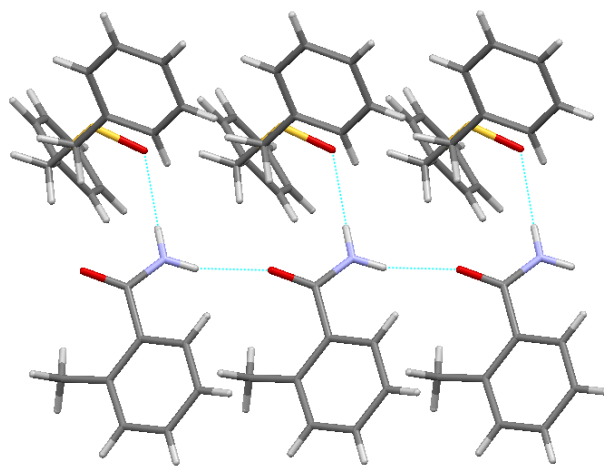
PXRD pattern of **3b** obtained from solution crystallisation.



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



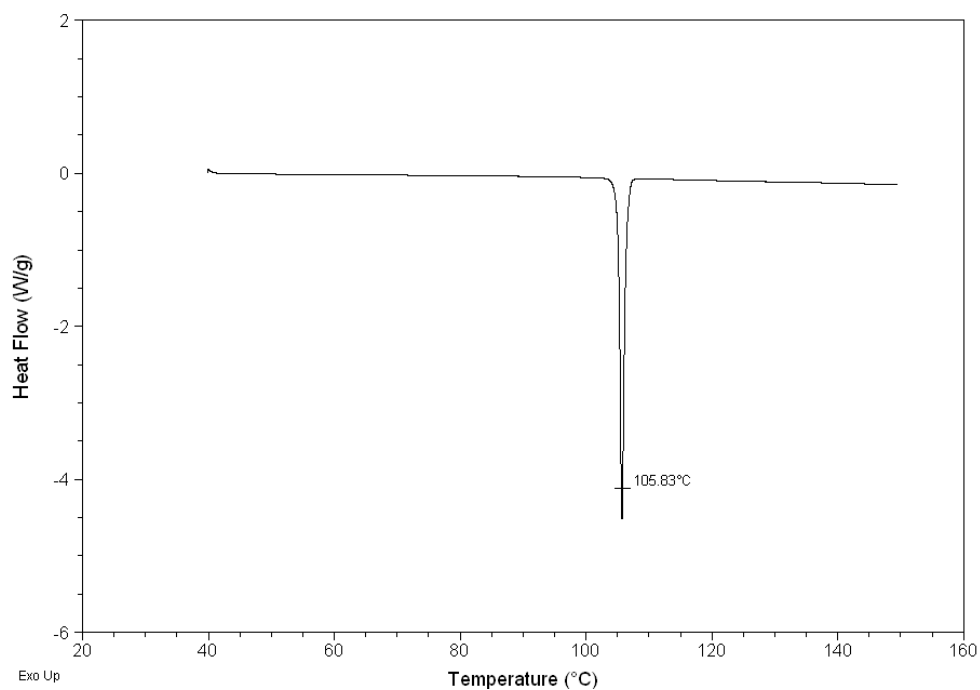
Hydrogen bonding involving the amide hydrogens in **3b**.



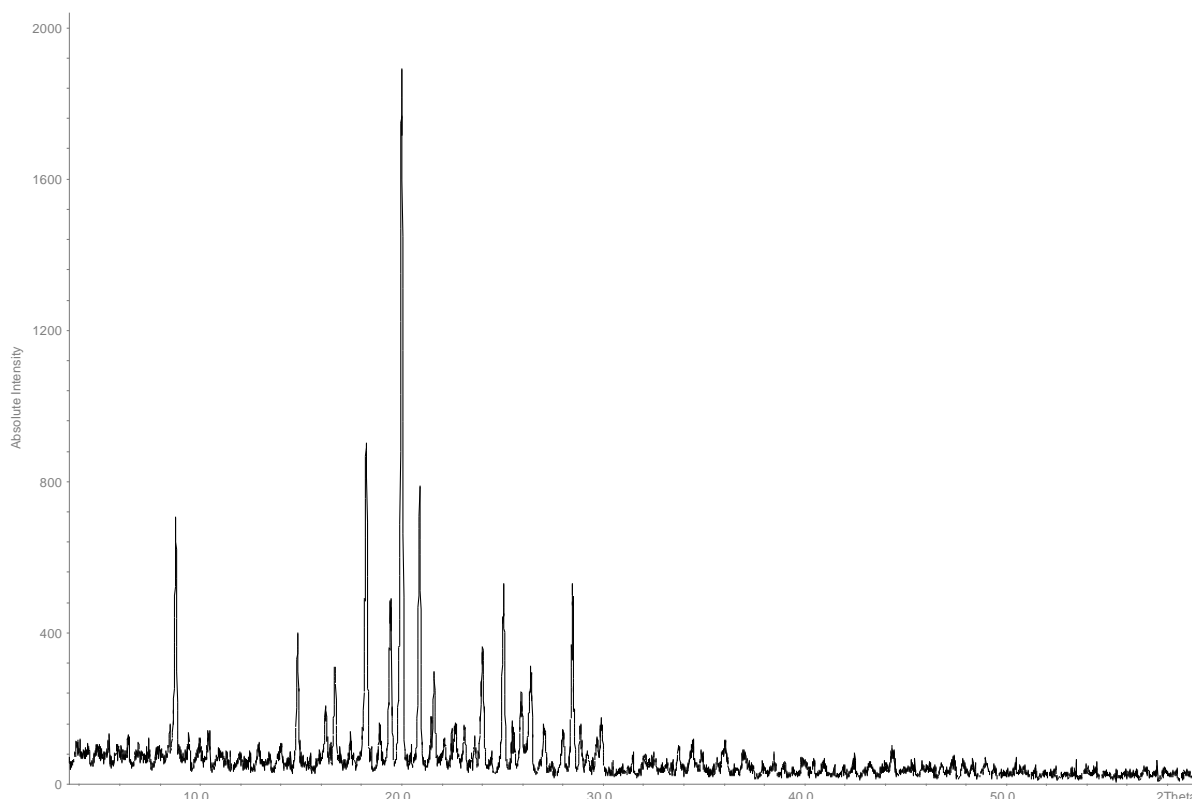
# Experimental

## Data and Figures for 3c

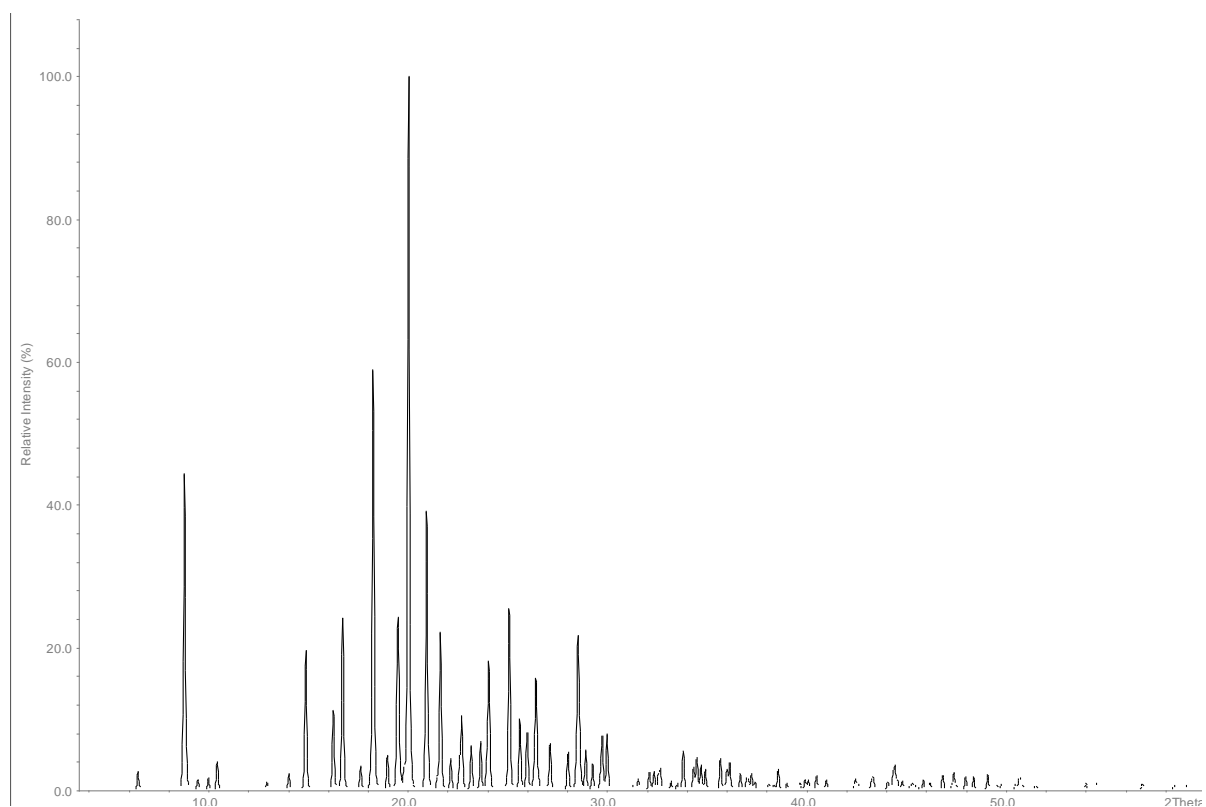
DSC of 3c.



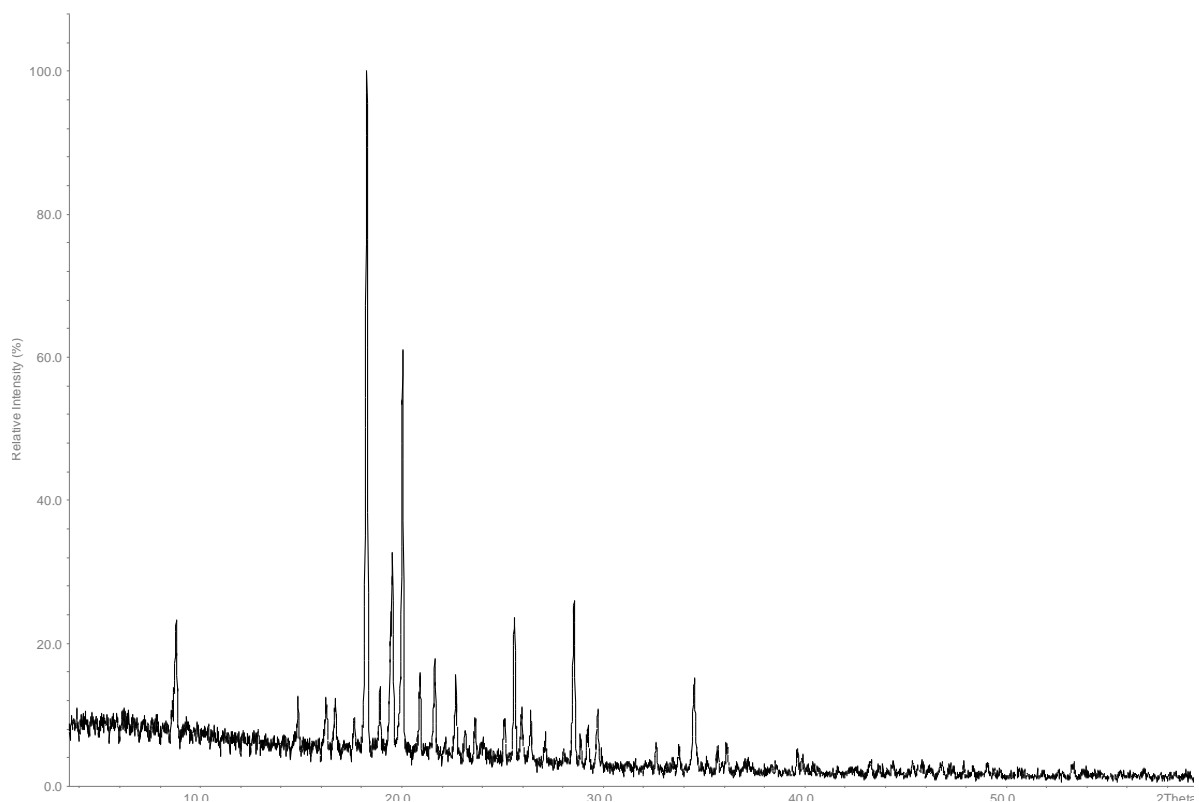
PXRD pattern of 3c obtained from grinding.



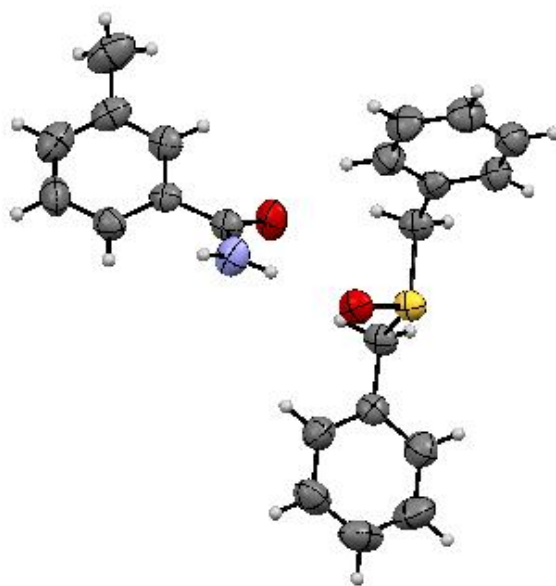
Theoretical PXRD pattern of **3c**.



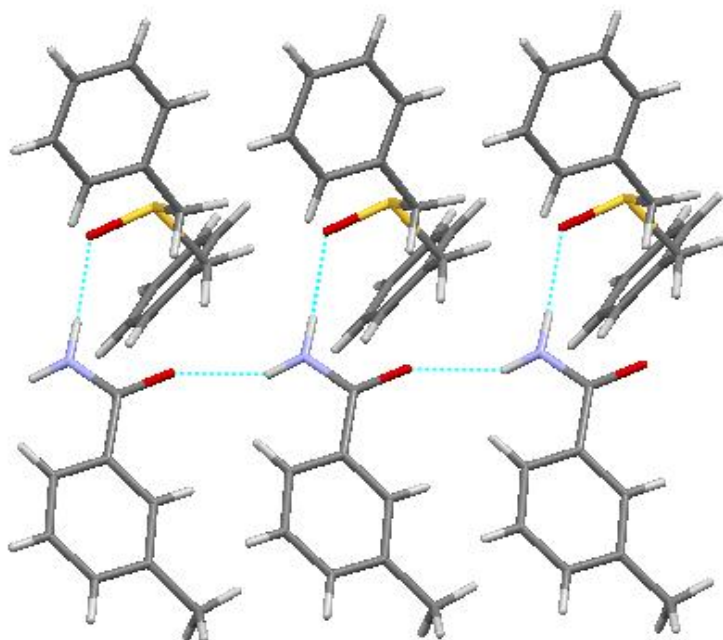
PXRD pattern of **3c** obtained from solution crystallisation.



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



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

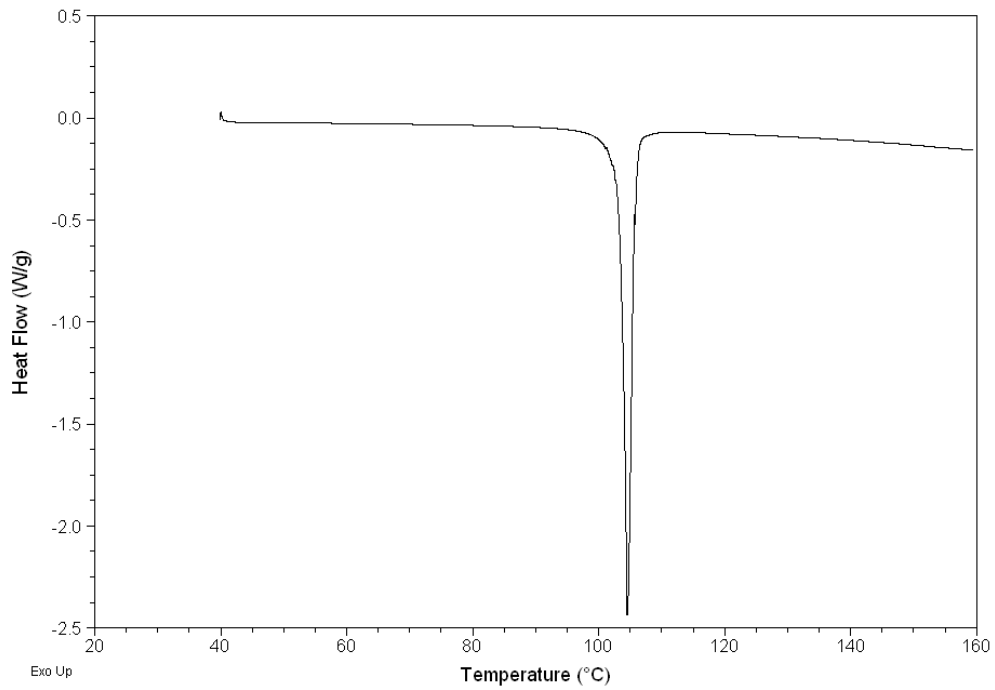




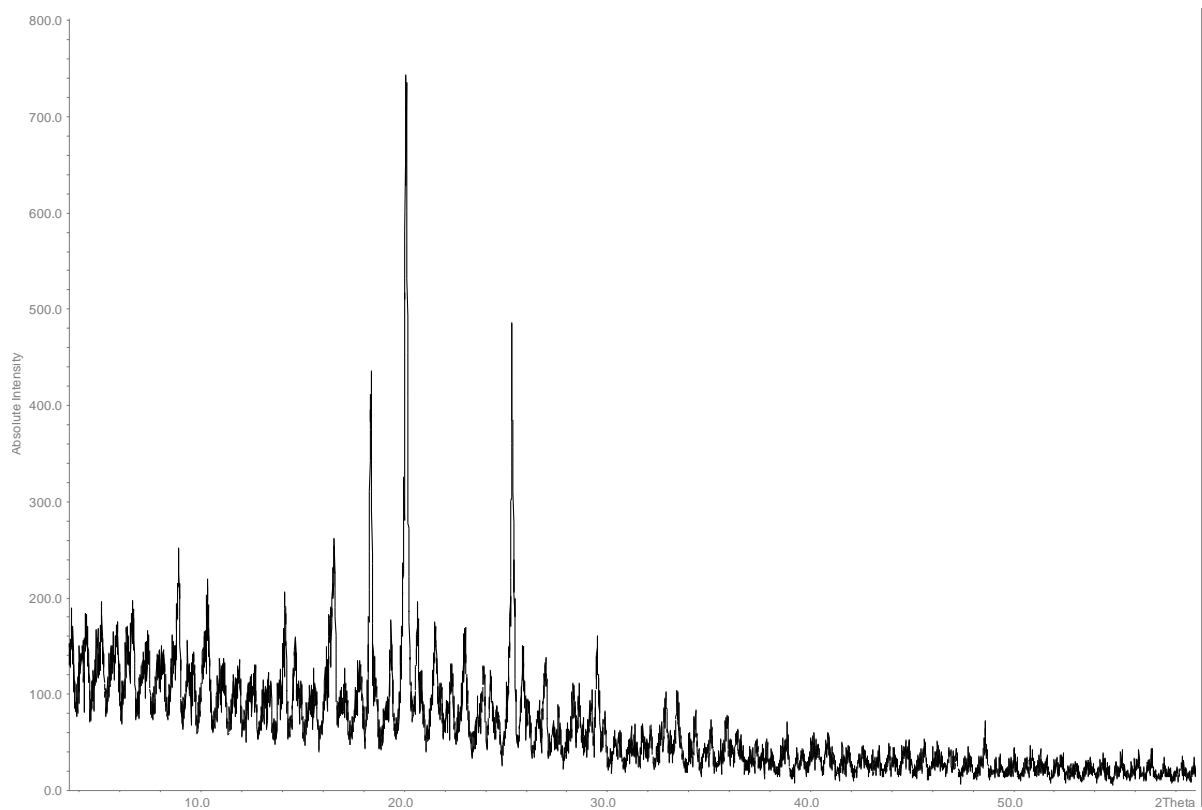
# Experimental

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

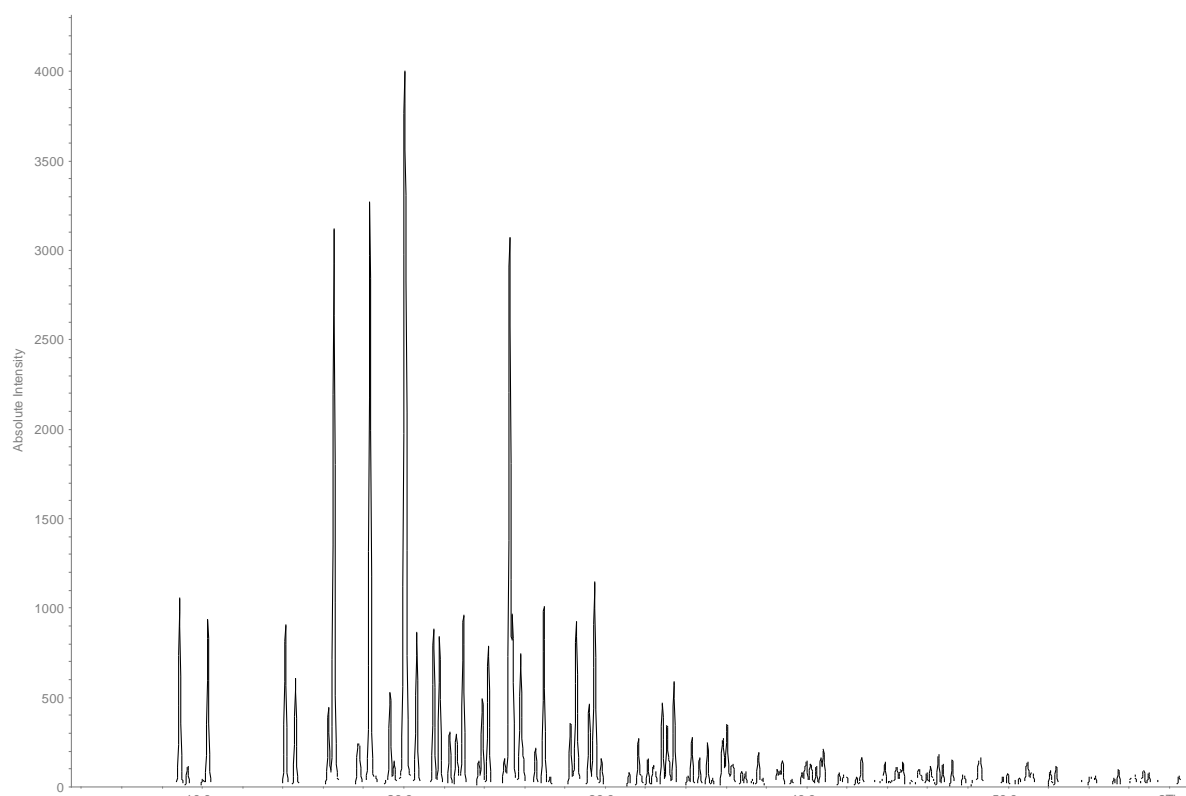
DSC of **3i**.



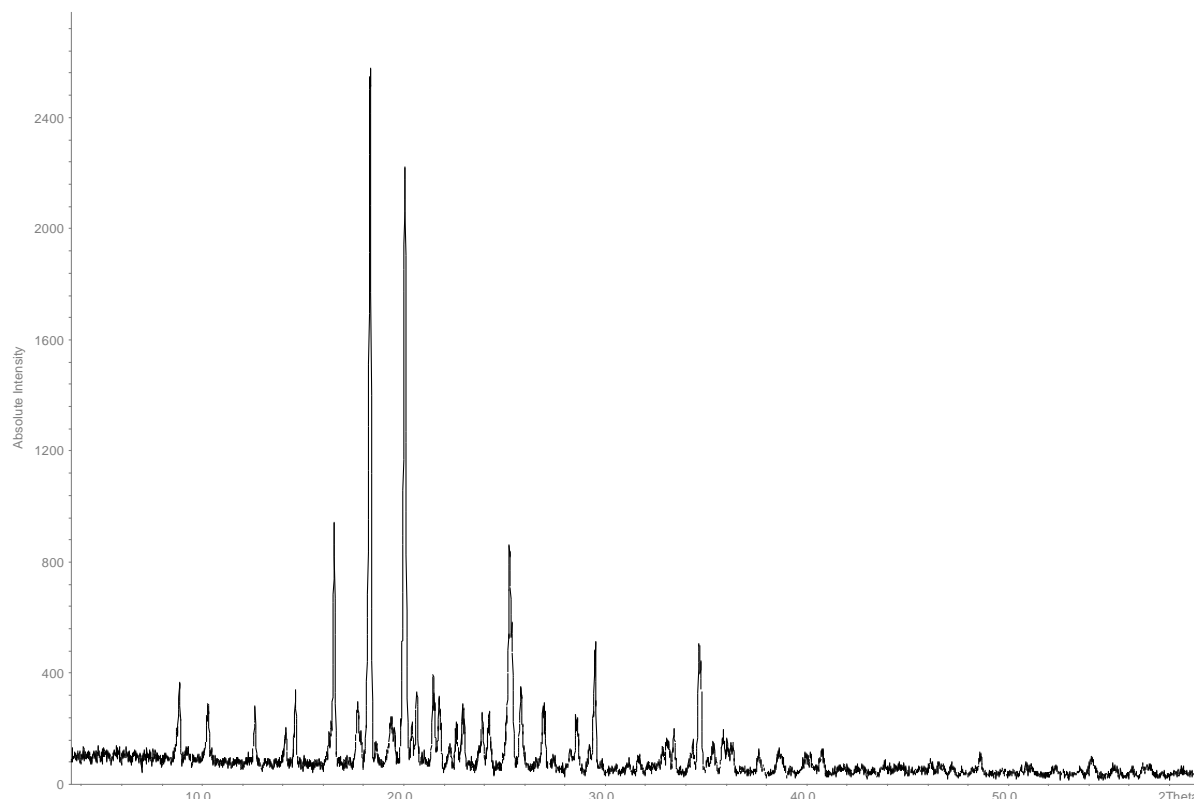
PXRD pattern of **3i** obtained from grinding.



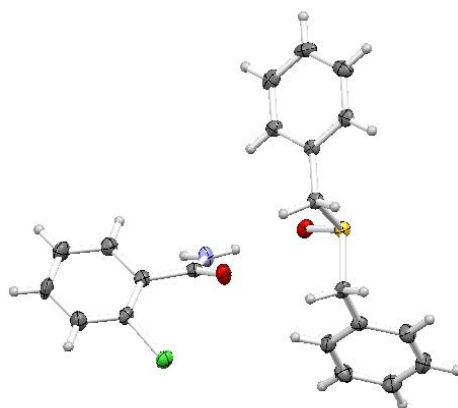
Theoretical PXRD pattern of **3i**.



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**.

