



STRUCTURAL SCIENCE
CRYSTAL ENGINEERING
MATERIALS

Volume 75 (2019)

Supporting information for article:

Solvates of Acotiamide Hydrochloride: Characterization and Phase Transformation

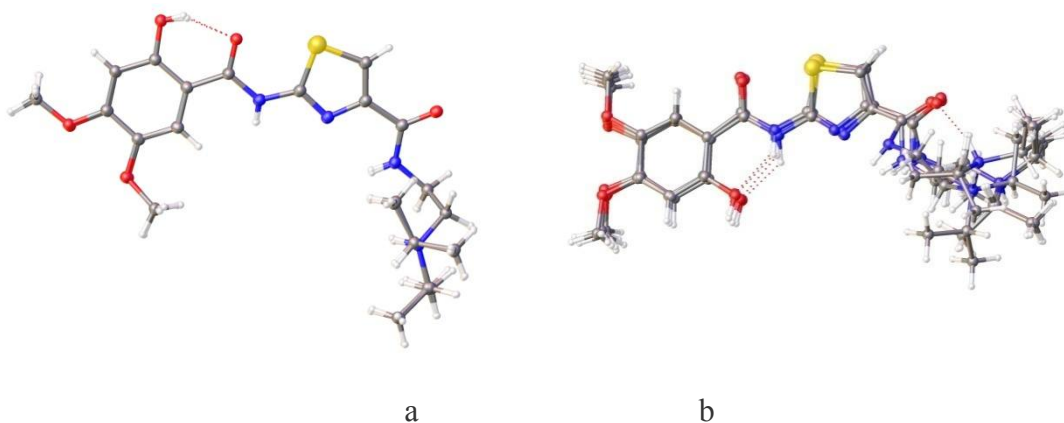
Guoshun Zhang, Na Wang, Xiaoqing Shang, Lifeng Zhang, Ruili Wang and Shuqiu Zhang

1 Solvates of Acotiamide Hydrochloride: Characterization and 2 Phase Transformation

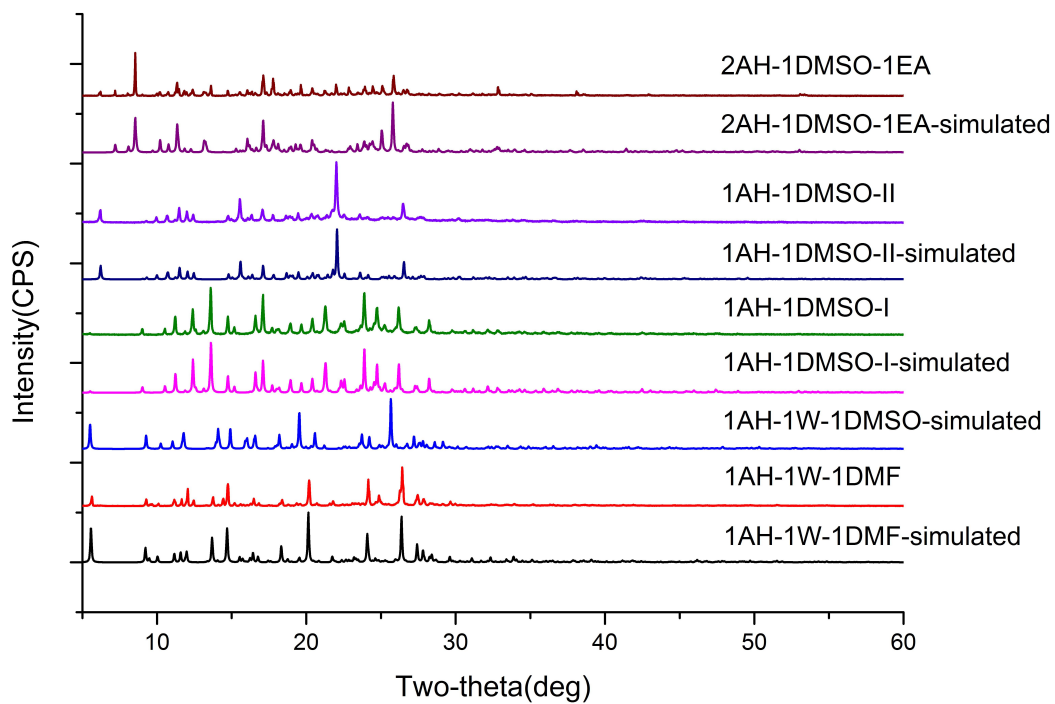
3 Guoshun Zhang,^a Na Wang,^a Xiaoqing Shang,^a Lifeng Zhang,^a Ruili Wang^a and Shuqiu Zhang^{a*}

4^aDepartment of Pharmacy, Shanxi Medical University, Taiyuan 030001, China

5 Supporting Information



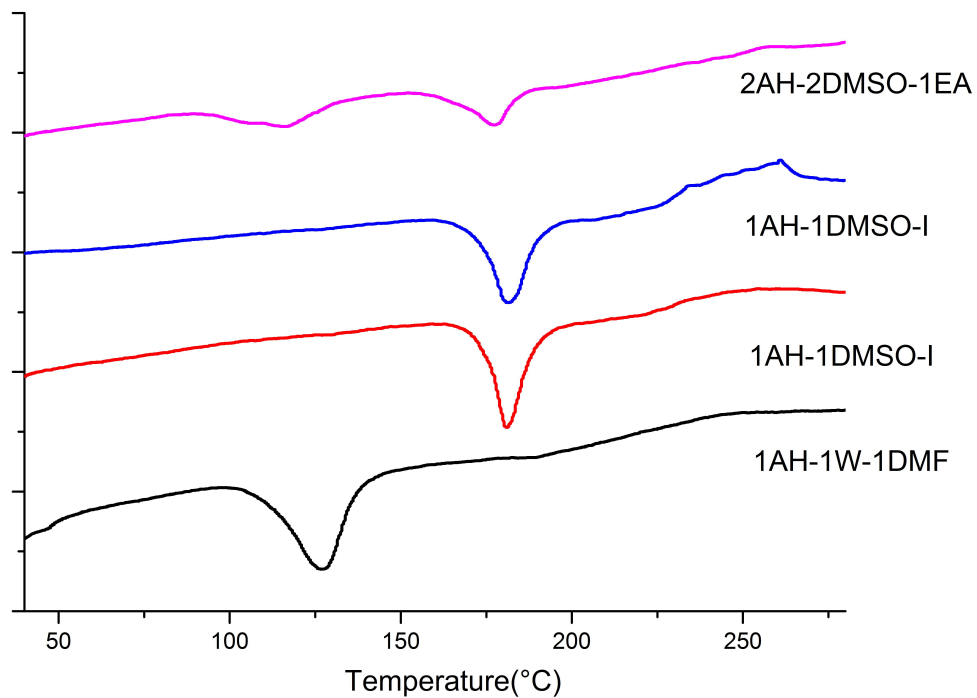
8**Fig.1** The overlap pictures of acotiamide ions in 1AH-1W-1DMF and 1AH-1W-1DMSO
9(a); The picture of acotiamide ions in 1AH-1DMSO-I, 1AH-1DMSO-I and 2AH-
102DMSO-1EA (b)



11

12

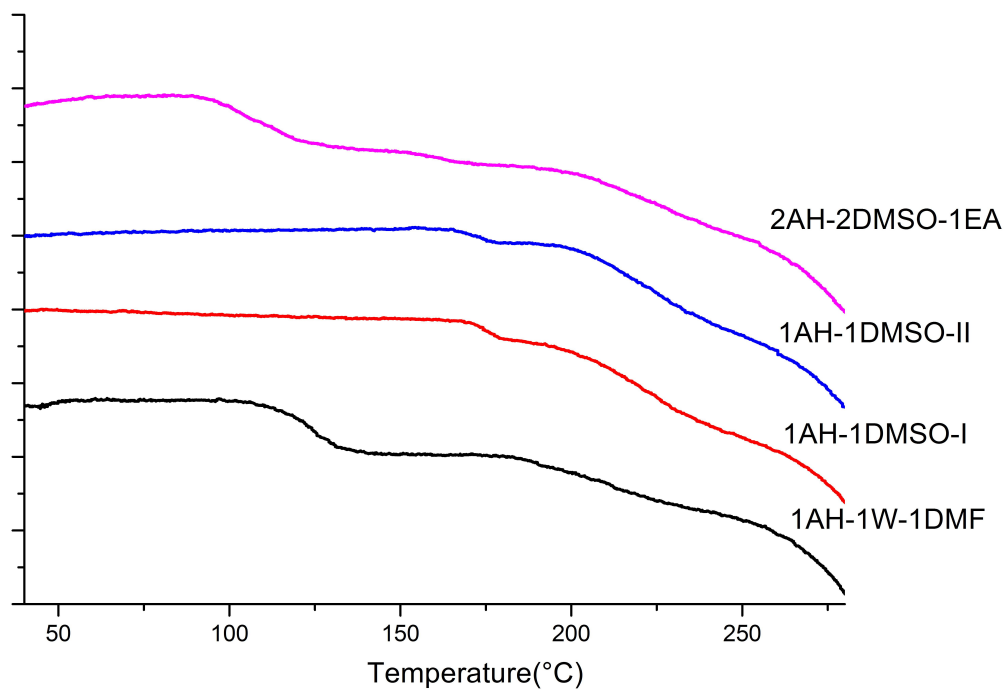
Fig.2 The experiment and calculated XPRD patterns of AH solvates



13

14

Fig.3 DSC profiles of AH solvates

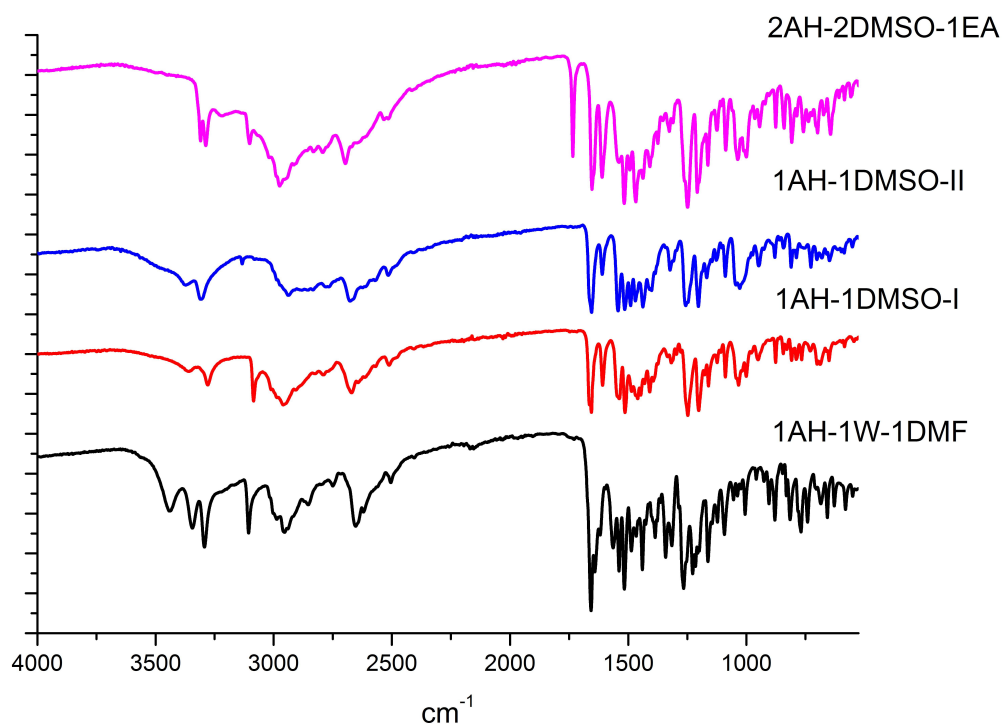


15

16

Fig.4 TGA profiles of AH solvates

17

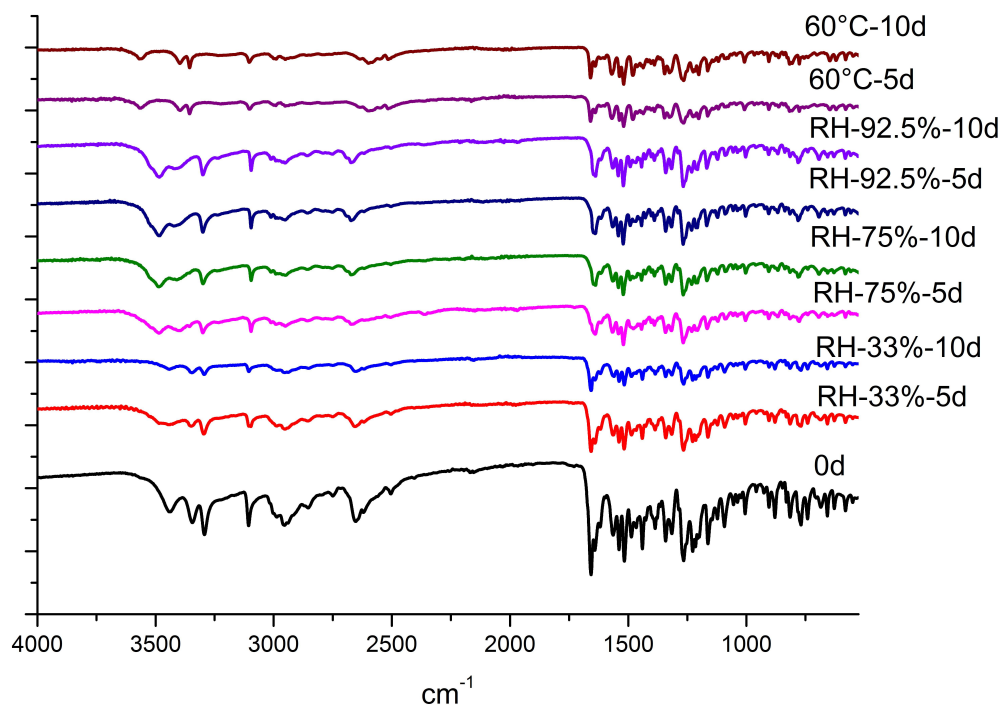


18

19

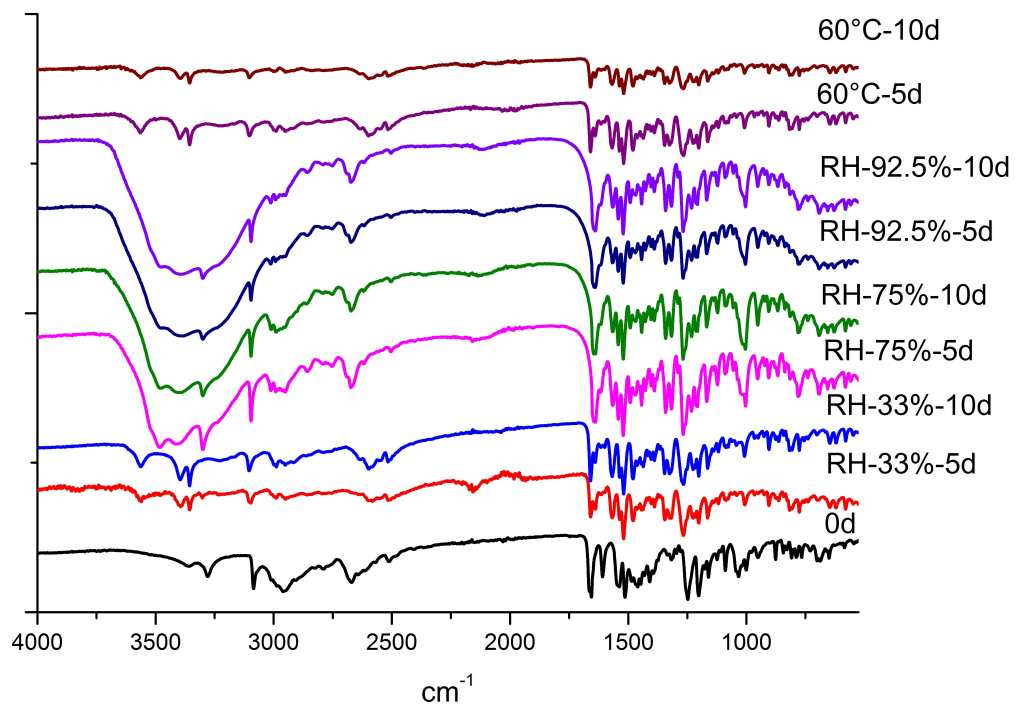
Fig.5 IR profiles of AH solvates

20

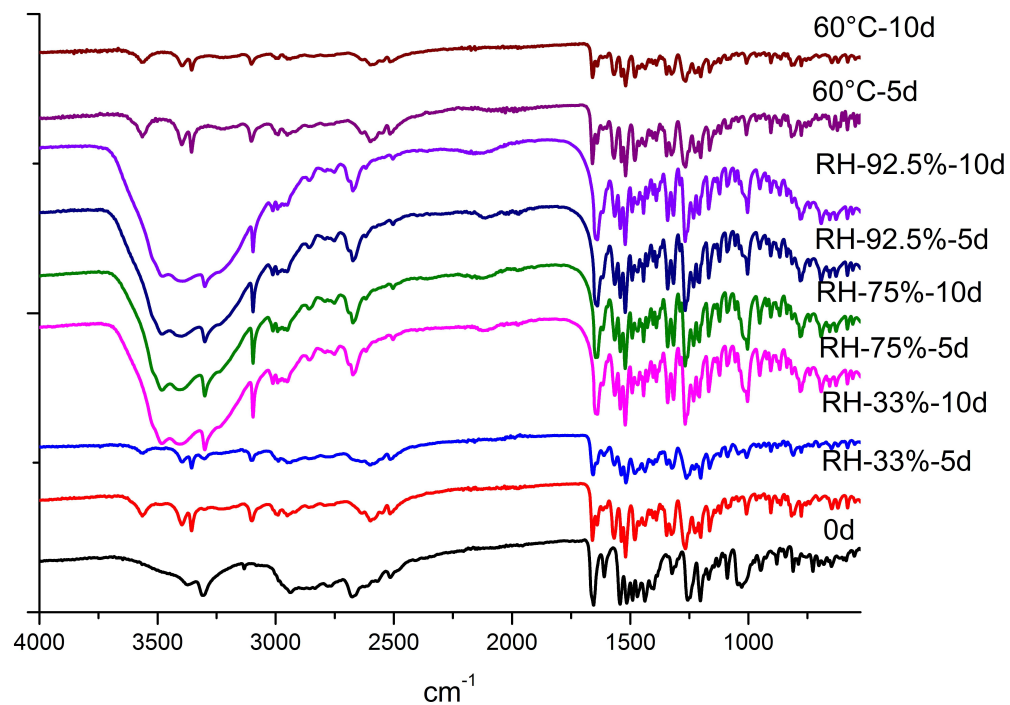


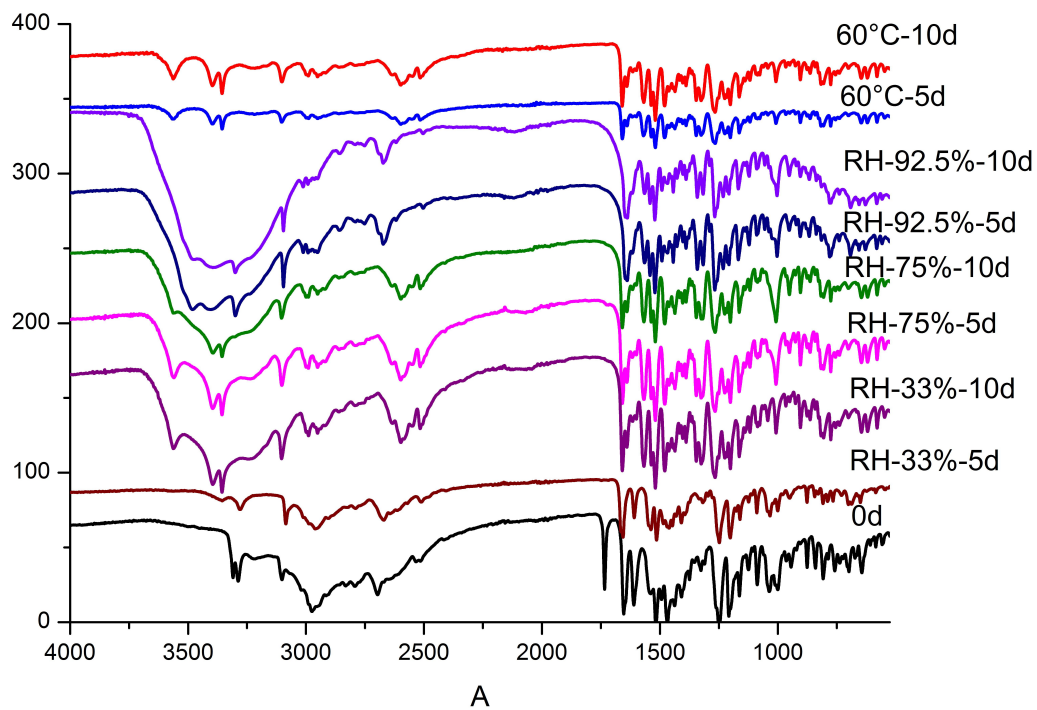
21
22

Fig.6 IR profiles of phase transformation of 1AH-1W-1DMF



23

Fig.7 IR profiles of phase transformation of 1AH-1DMSO-I**Fig.8** IR profiles of phase transformation of 1AH-1DMSO-II



27

28

Fig.9 IR profiles of phase transformation of 2AH-2DMSO-1EA

29