

**Antiproliferative, pro-apoptotic activity and tubulin dynamics  
modulation of 1H-benzimidazole-2-yl hydrazones in human breast  
cancer cell line MDA-MB-231**

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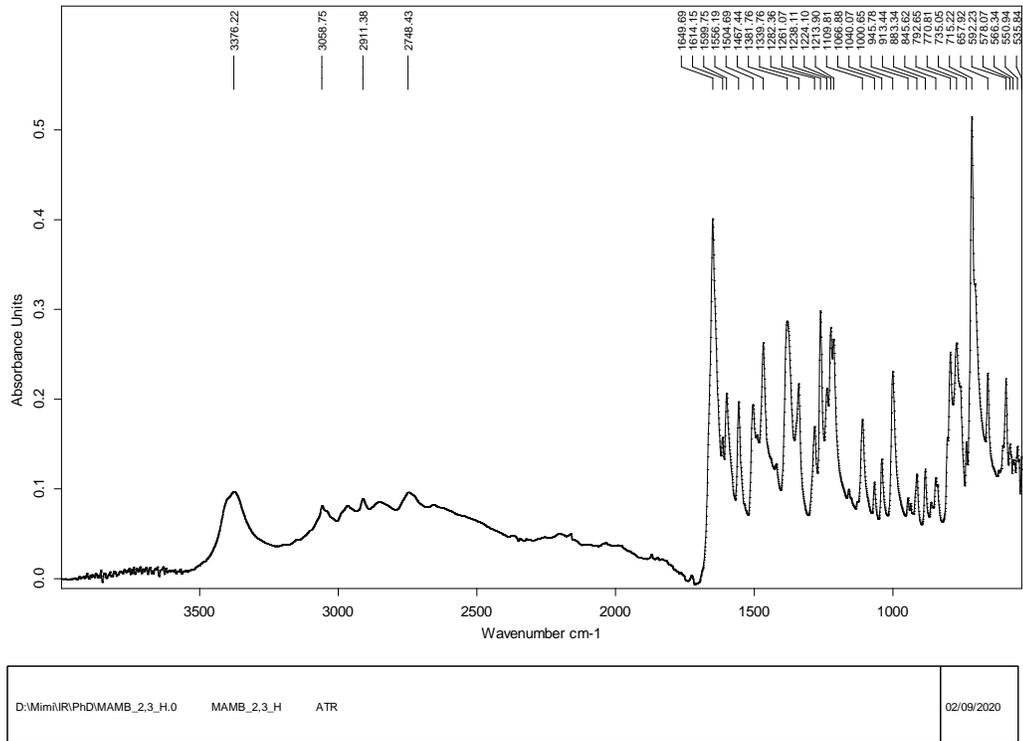
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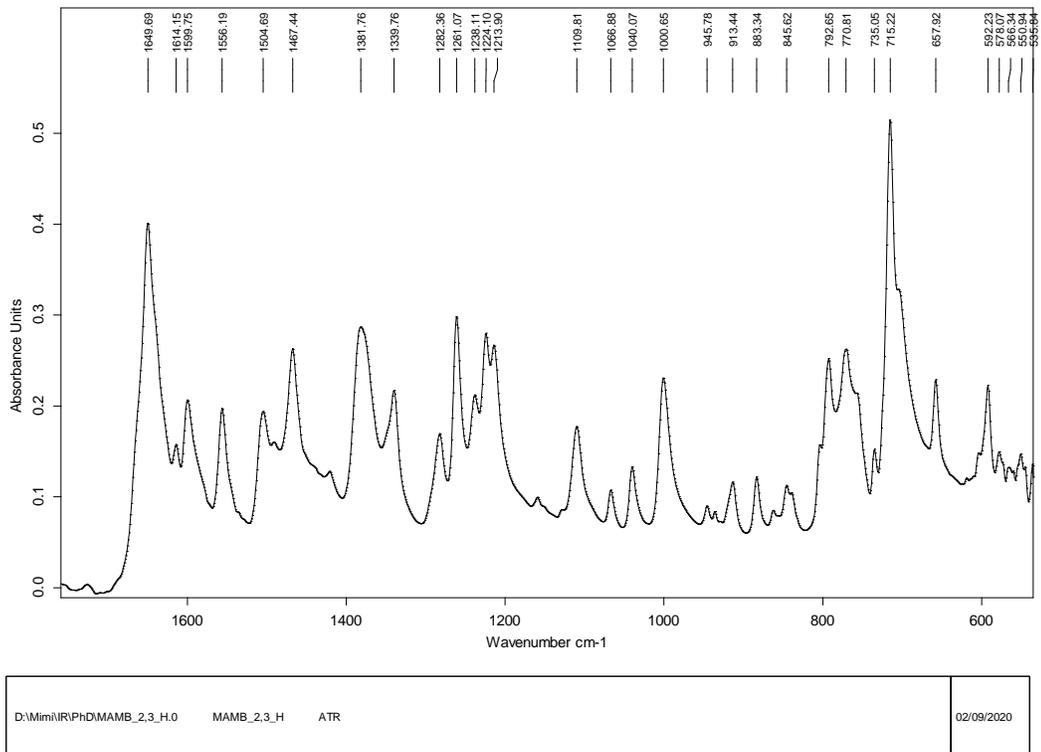
**Figs. S1-S6.** IR and NMR spectra of compounds **5c** and **5d**

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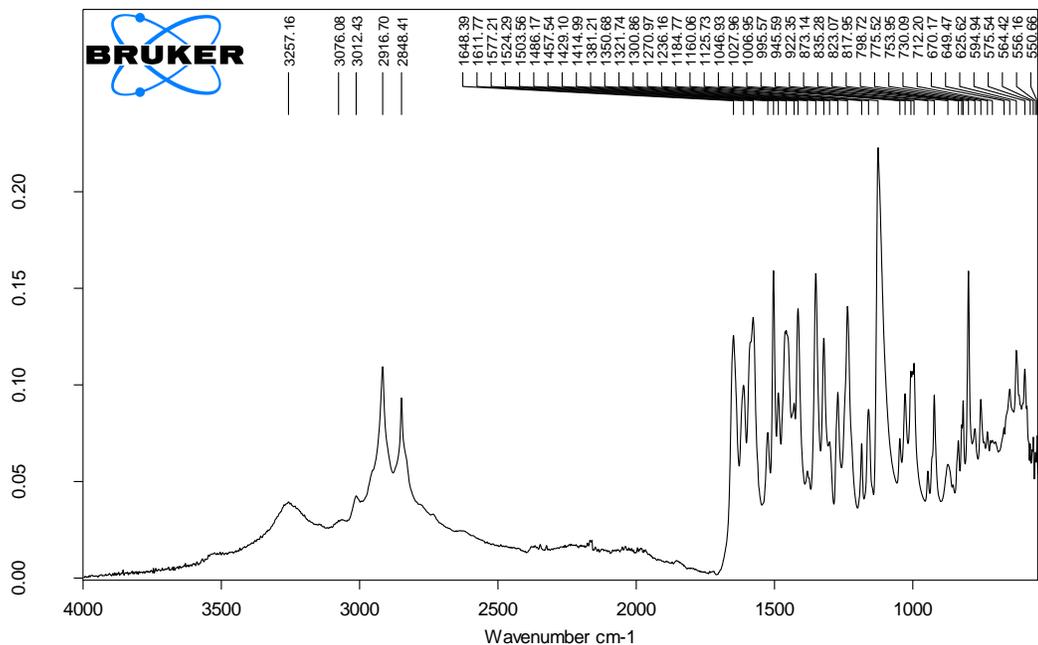
**Fig. S1a.** IR spectrum of compound **5c**



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**Fig. S1b.** IR spectrum of compound **5c**

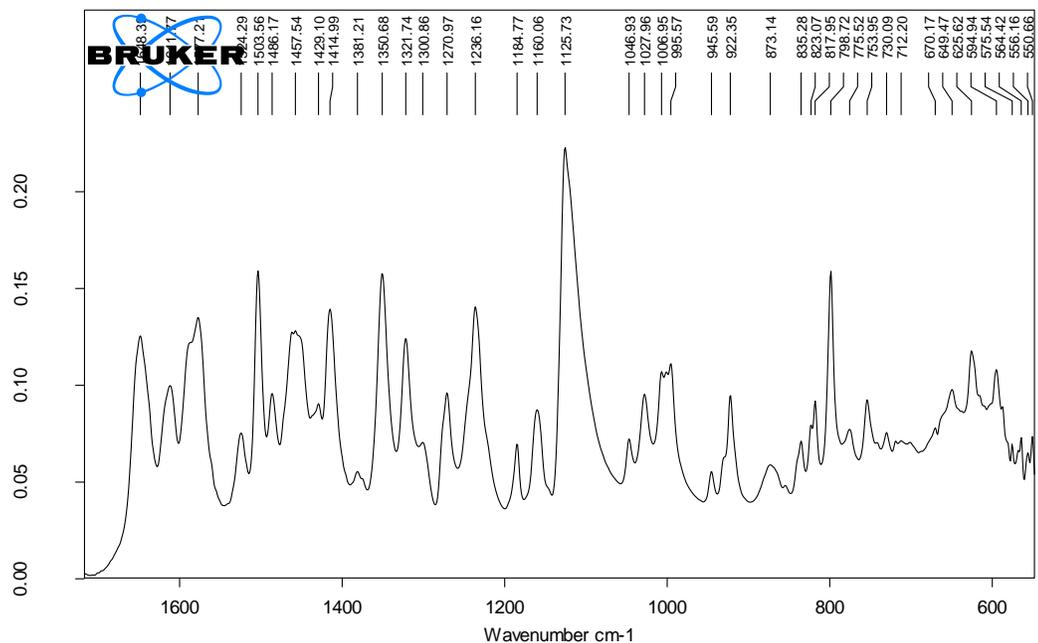




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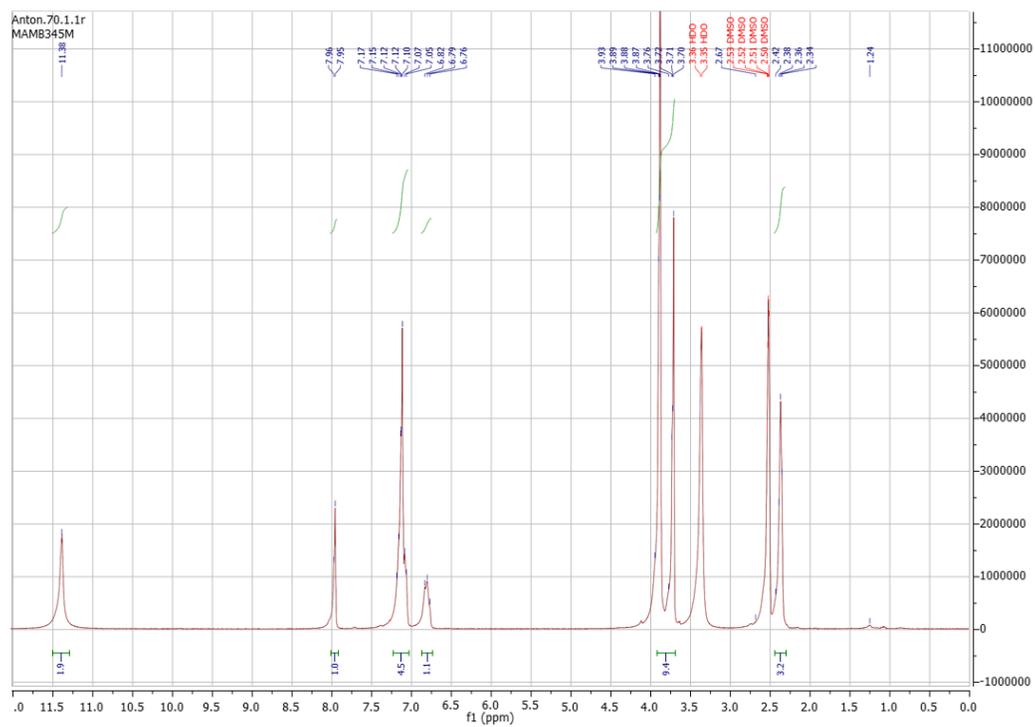
Fig. S4a. IR spectrum of compound 5d



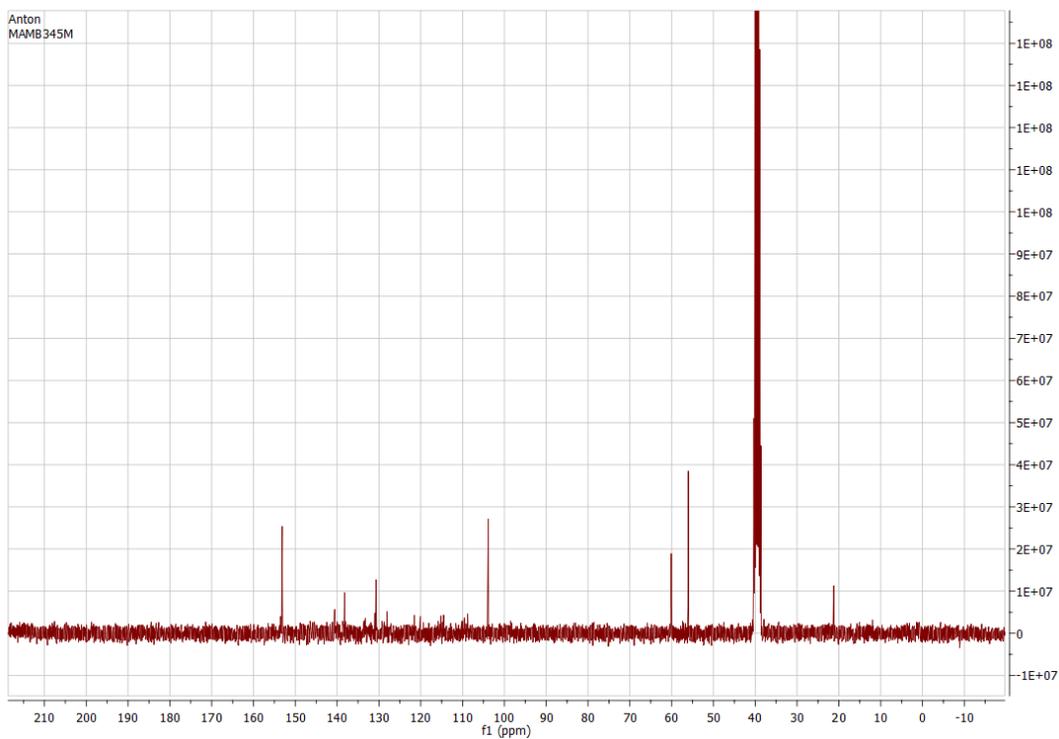
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Fig. S4b. IR spectrum of compound 5d



**Fig. S5.**  $^1\text{H}$  NMR spectrum of compound **5d**



**Fig. S6.**  $^{13}\text{C}$  NMR spectrum of compound **5d**