

Supporting Information

Cocrystallization of Progesterone with nitrogen heterocyclic compounds: Synthesis, characterization, calculation and property evaluation

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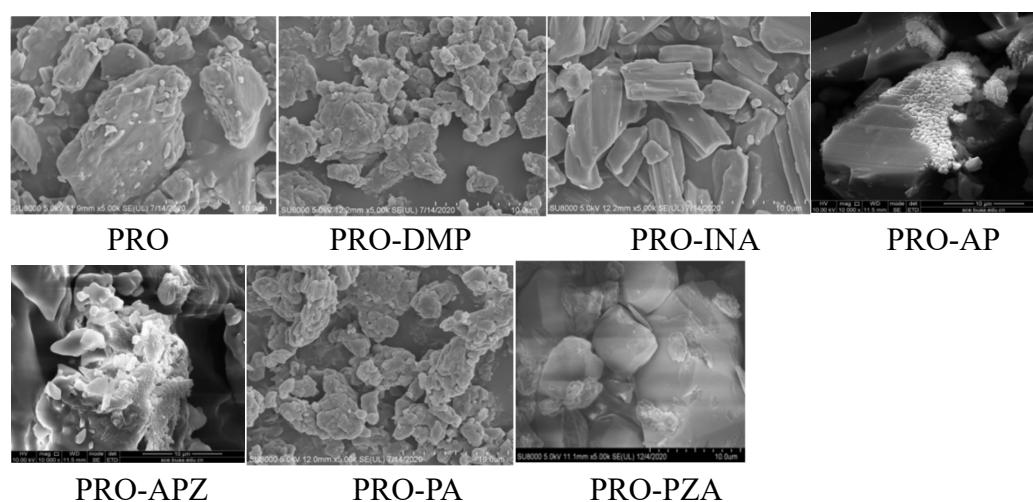
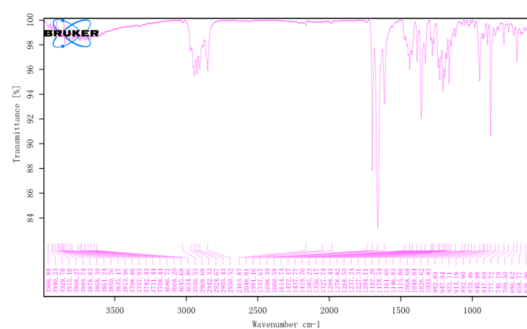
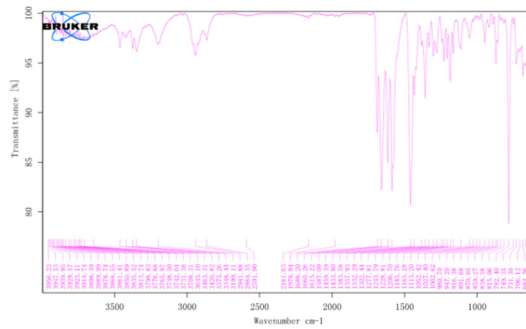


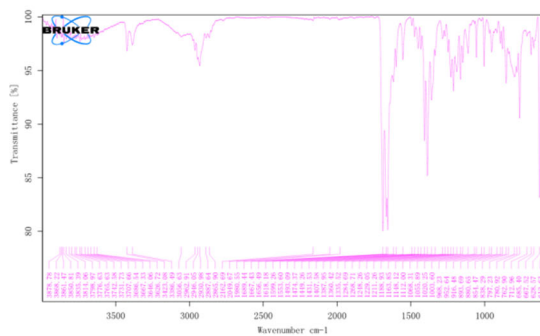
Figure S1. Scanning electron microscope (SEM) of PRO and 6 cocrystals (10 μ m)



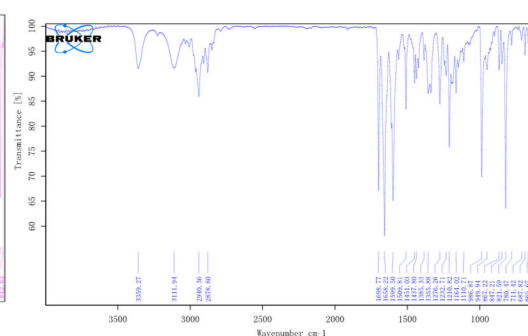
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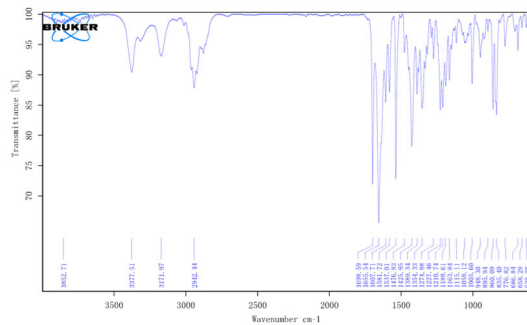
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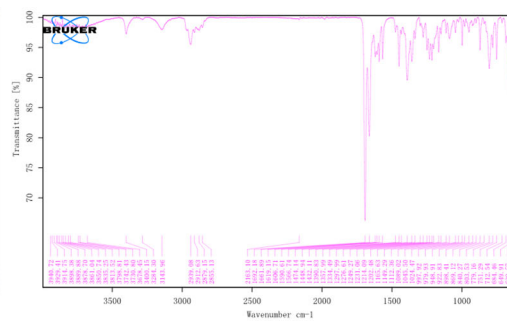
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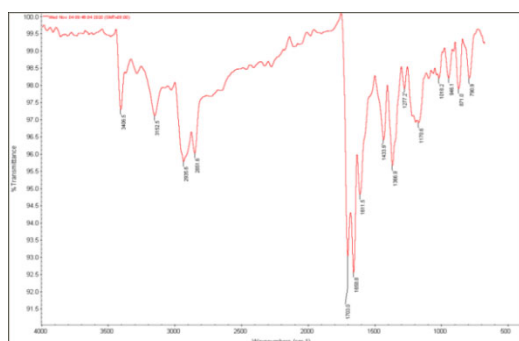
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PRO-APZ

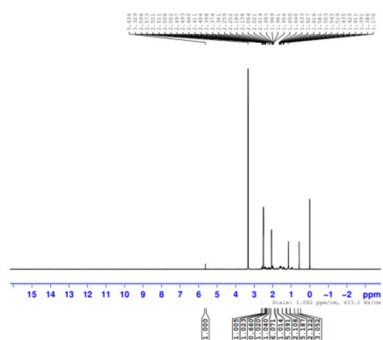


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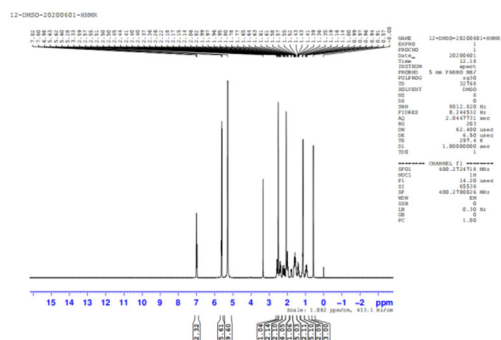


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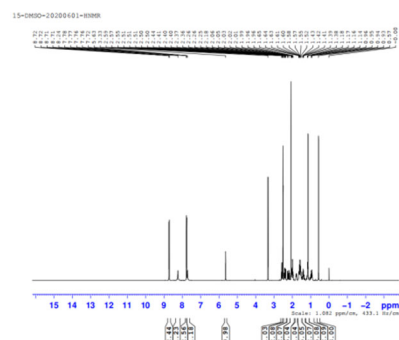
Figure S2. Fourier transform infrared spectroscopy (FT-IR) of PRO and 6 cocrystals



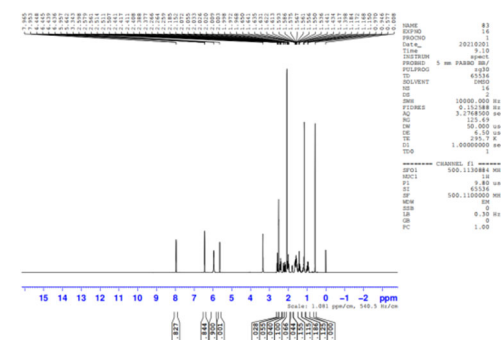
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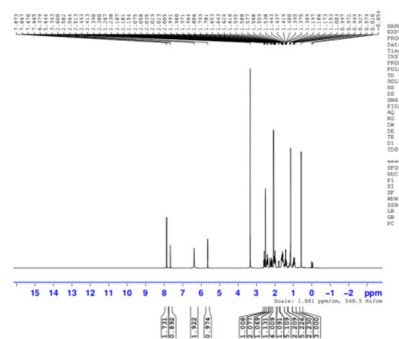
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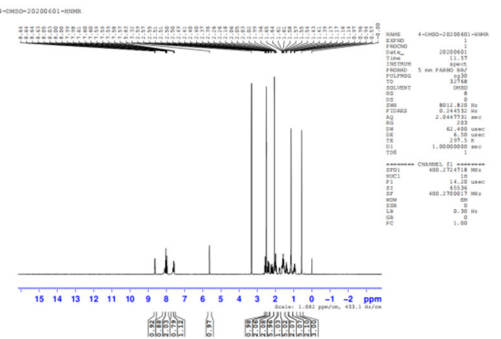
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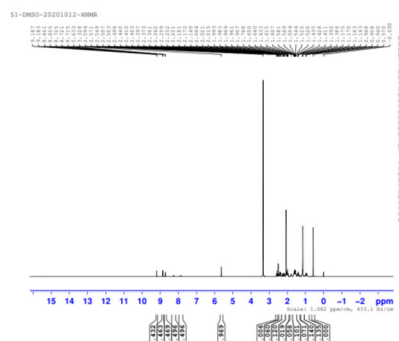
PRO-AP



PRO-APZ



PRO-PA



PRO-PZA

Figure S3. ^1H nuclear magnetic resonance spectra (^1H -NMR) of PRO and 6 cocrystals

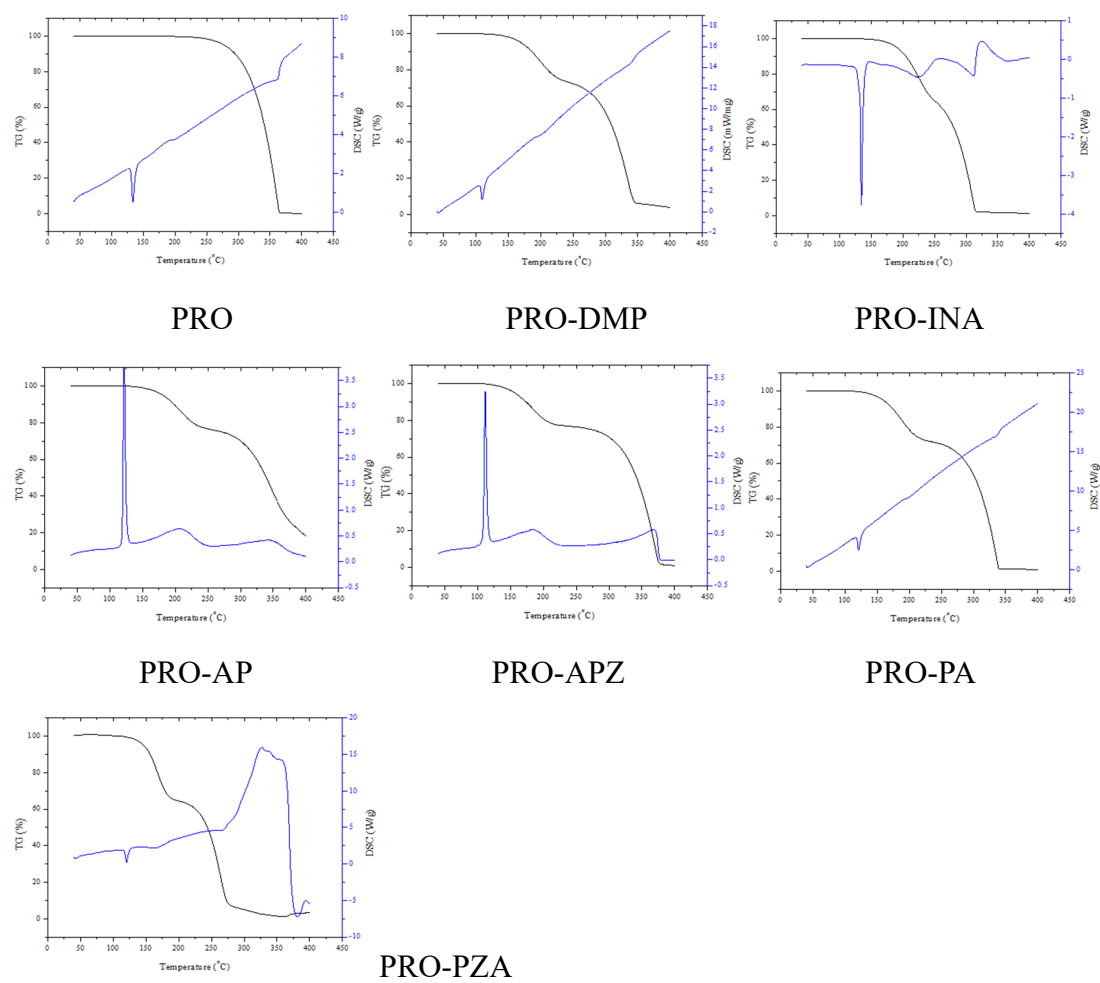
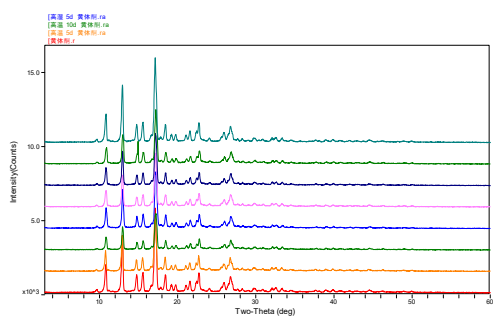
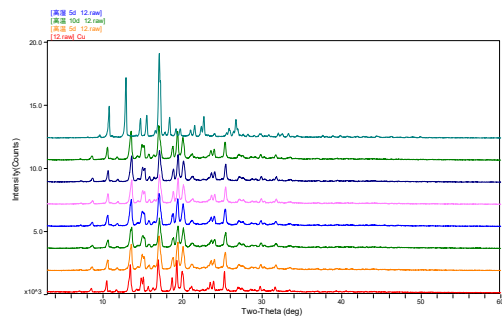


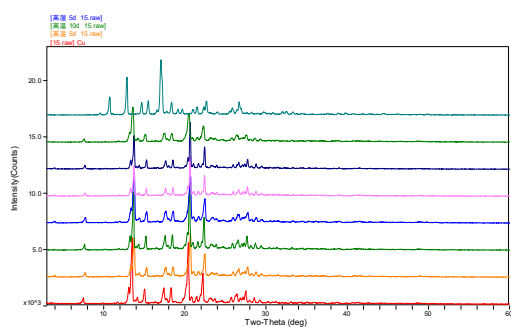
Figure S4. Thermal analysis of PRO and 6 cocrystals



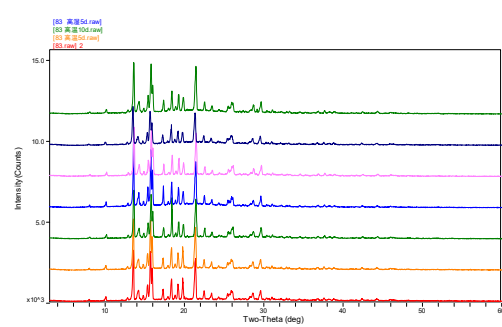
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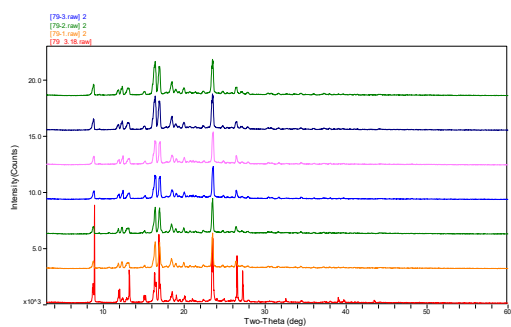
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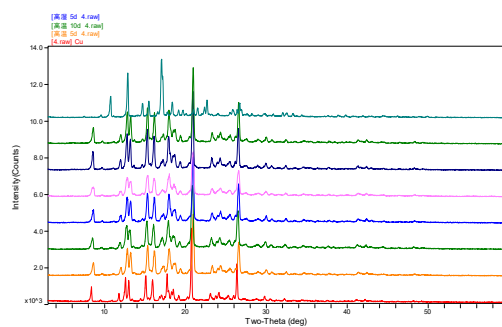
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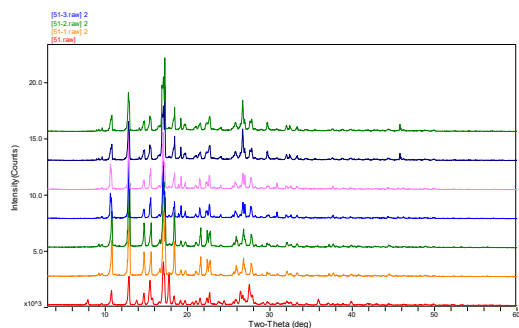
PRO-AP



PRO-APZ



PRO-PA



PRO-PZA

Figure S5. The stability experiment of PRO and 6 cocrystals under different conditions