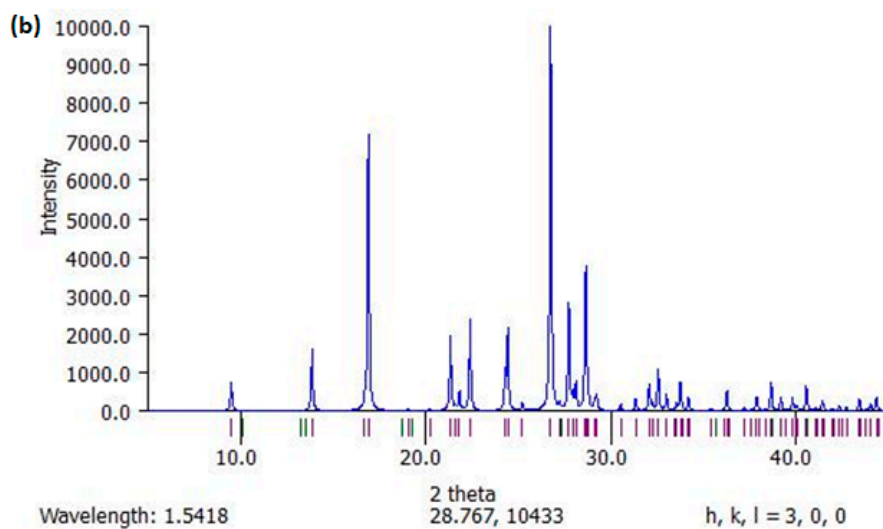
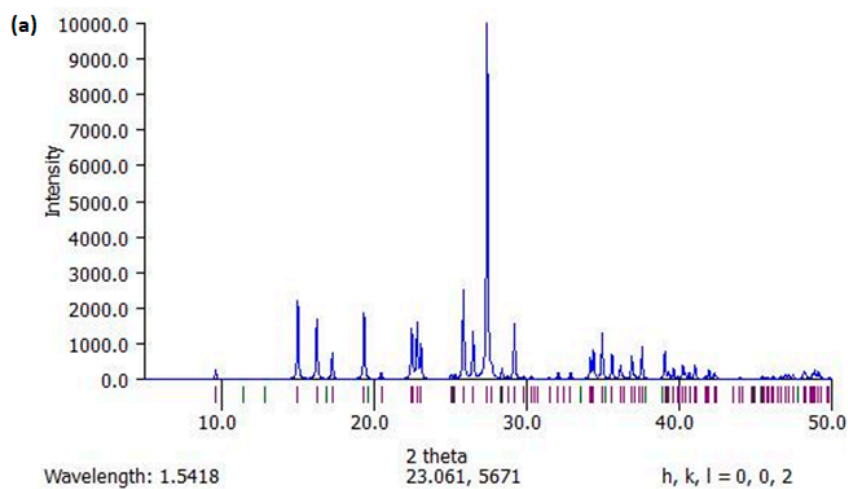


Supplementary Materials: Application of 1-Hydroxy-4,5-Dimethyl-Imidazole 3-Oxide as Coformer in Formation of Pharmaceutical Cocrystals

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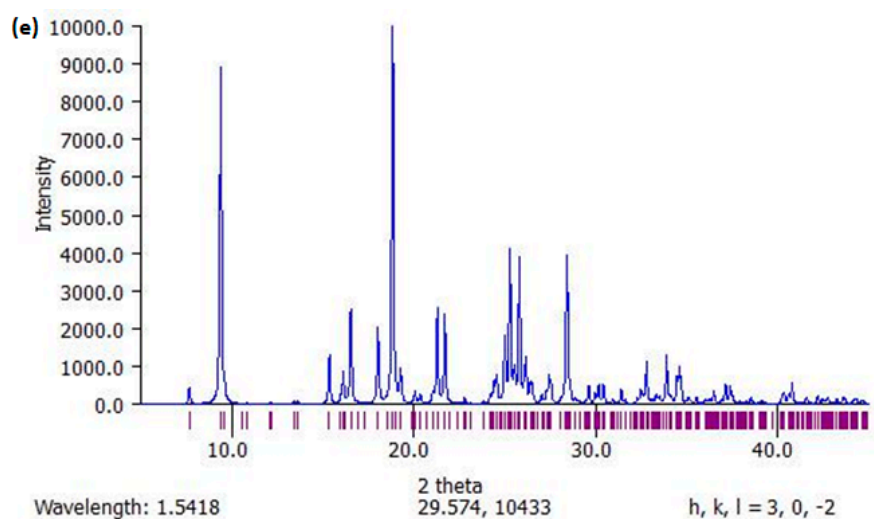
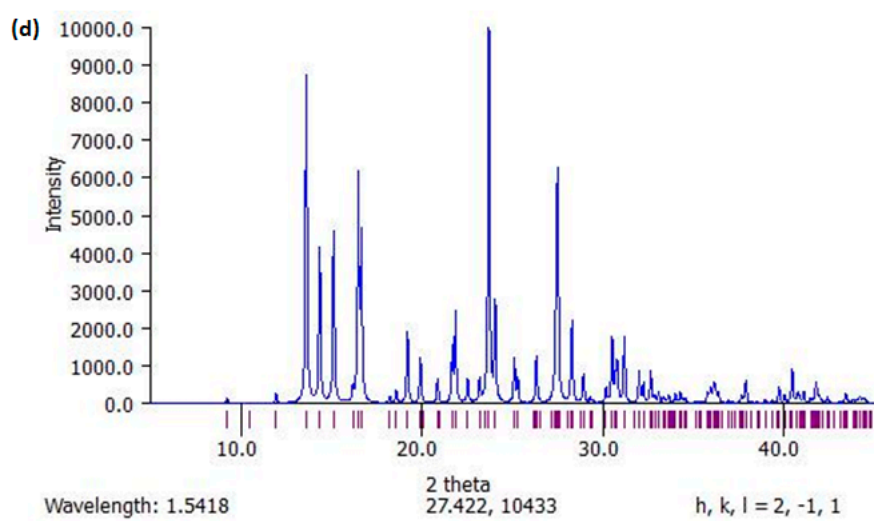
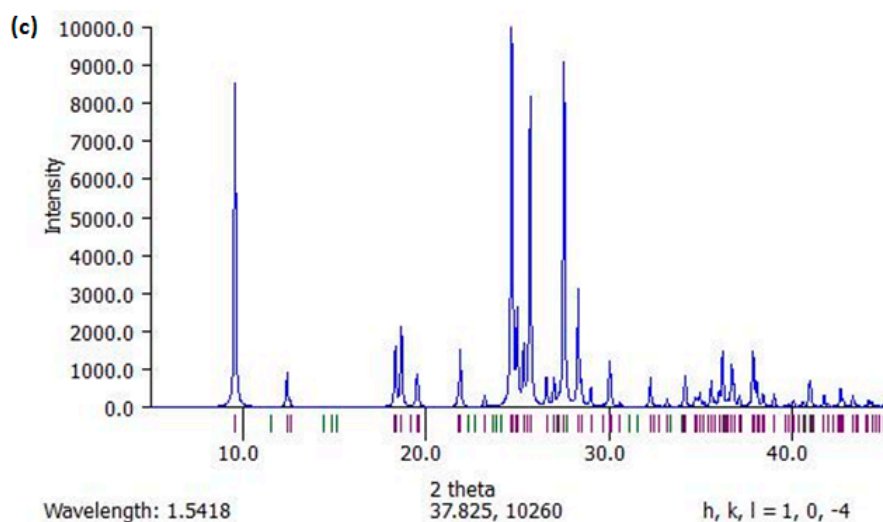


Figure S1. Calculated powder x-ray diffraction diffractograms (from top to bottom) TBA crystallized from acetonitril (tautomer A)¹; TBA crystallized from ethanol (tautomer B)¹; TBA crystallized from water (tautomer B)¹; HIMO; TBA/HIMO.

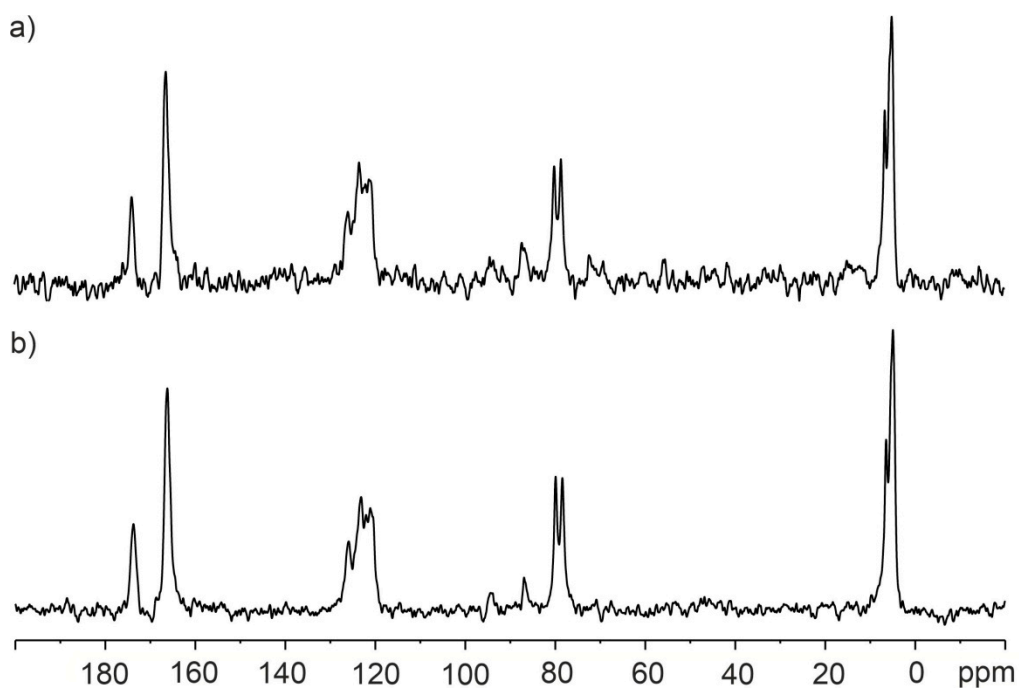
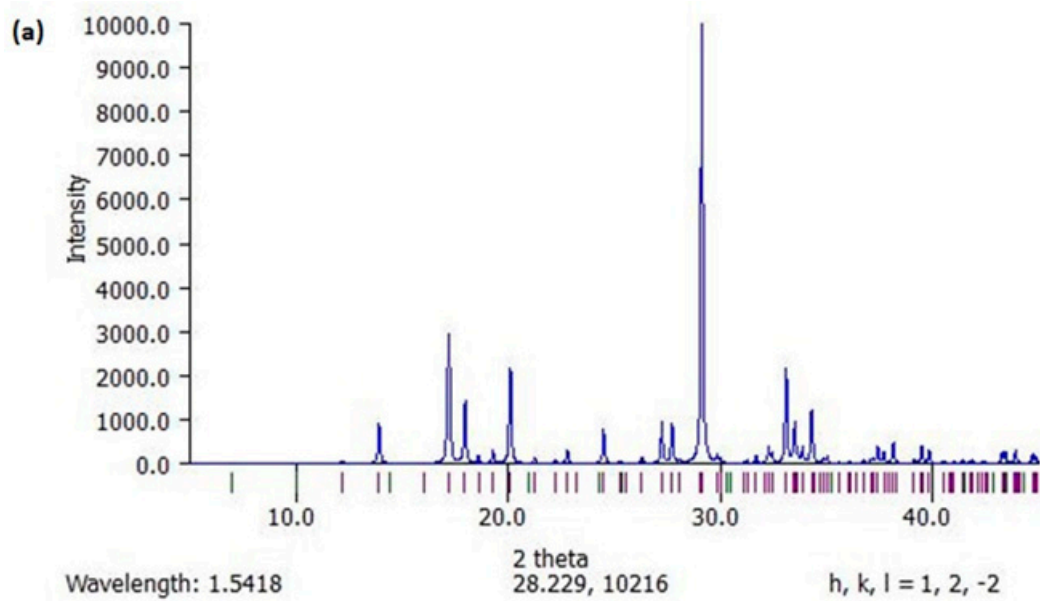


Figure S2. ^{13}C CP/MAS spectra recorded with a spinning rate of 8 kHz for TBA/HIMO cocrystals obtained by (a) grinding; (b) cocrystallization from MeOH.



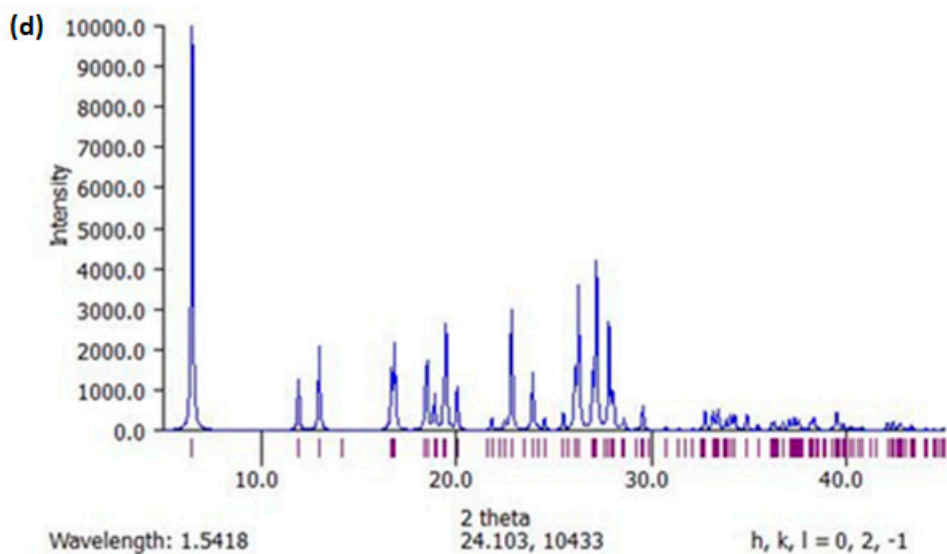
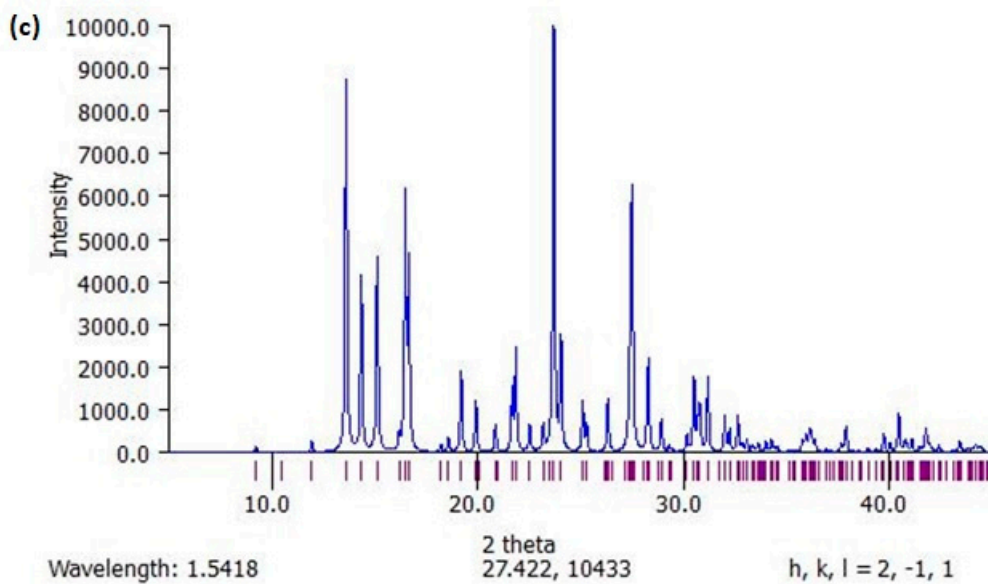
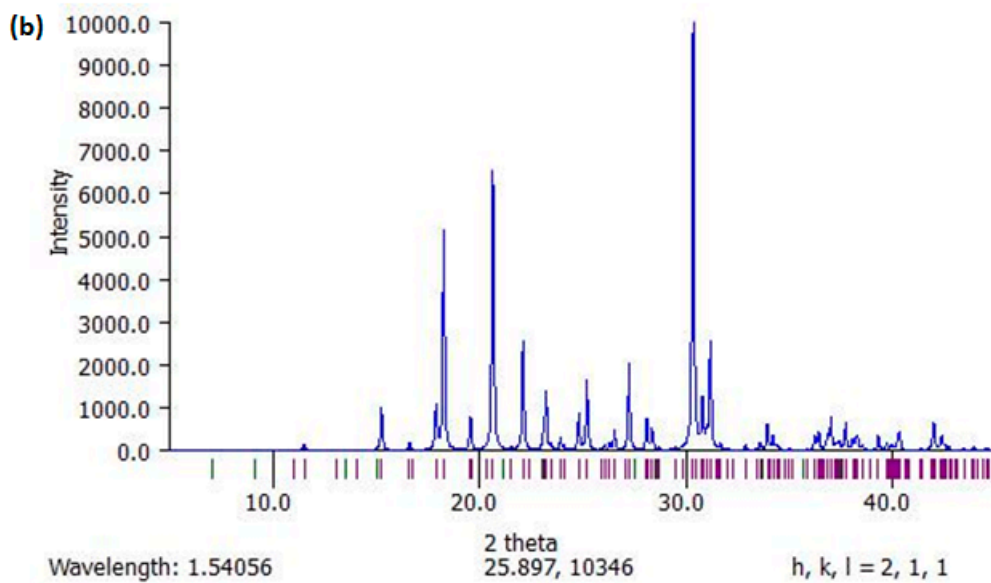


Figure S3. Calculated powder x-ray diffraction diffractograms (from top to bottom) for; BA (form II)², BA dihydrate³; HIMO and BA/HIMO.

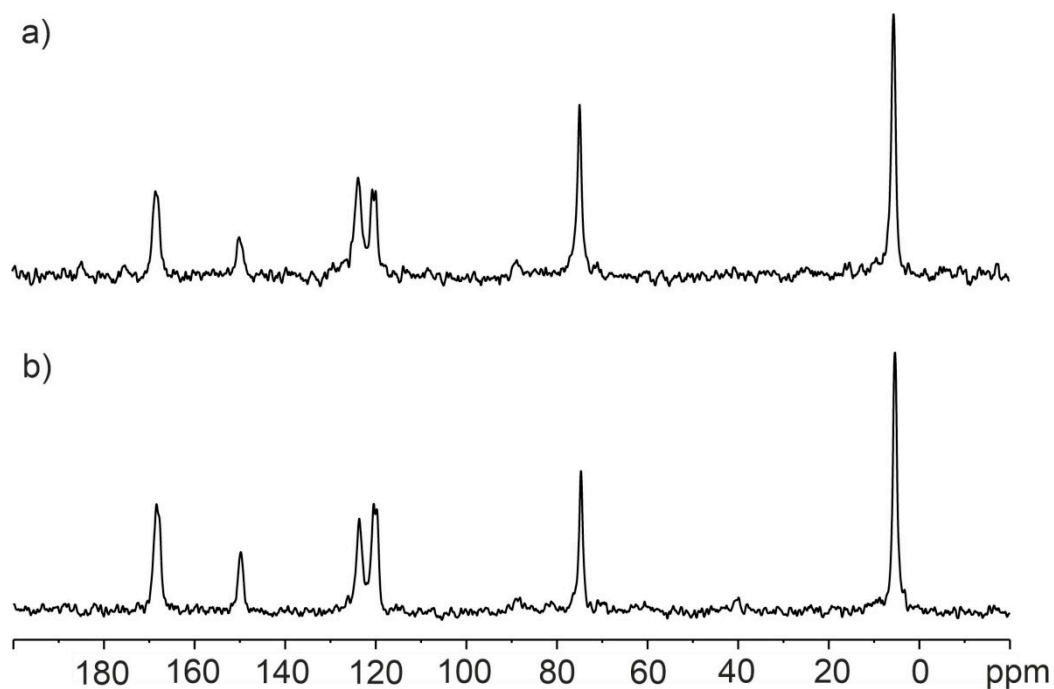


Figure S4. ¹³C CP/MAS spectra recorded with a spinning rate of 8 kHz for BA/HIMO cocrystals obtained by (a) grinding; (b) cocrystallization from MeOH.

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