Supporting Information

Mechanochemical synthesis of PZQ Hemihydrate in the presence of 5 solvents with different water miscibility

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Contents

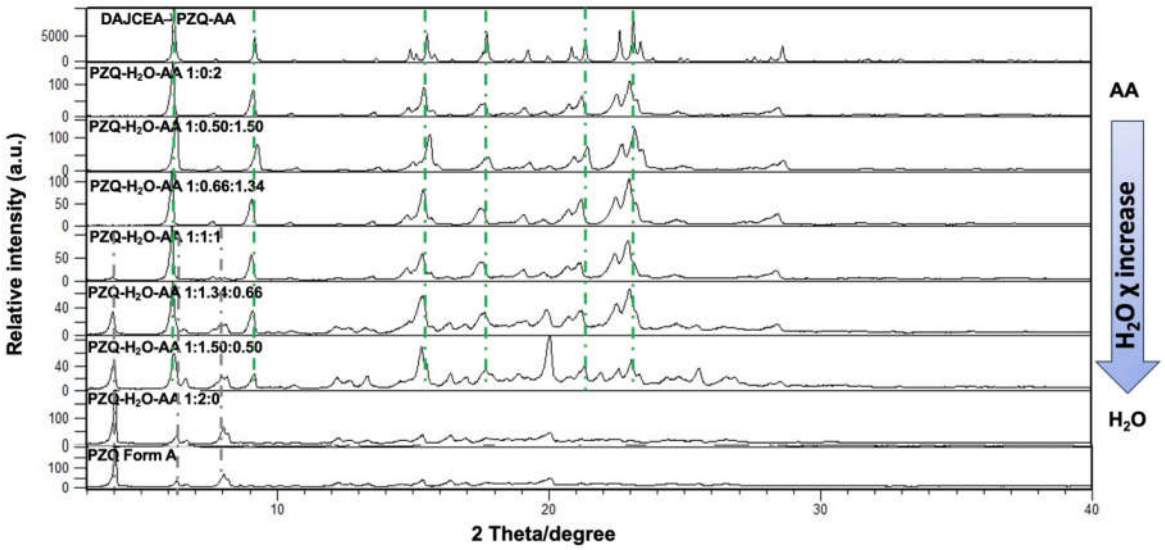

Figure S1. PXRD results of the tests in the presence of H_2O-AA, Di-LAG. Green and grey dotted lines highlight PZQ-AA and PZQ reflections, respectively.

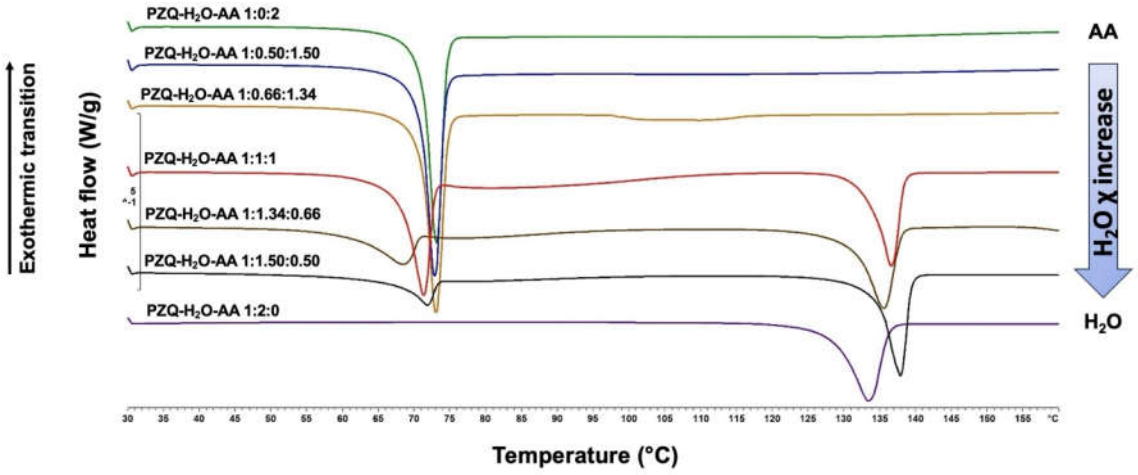

Figure S2. DSC results of the tests in the presence of H_2O-AA, Di-LAG.

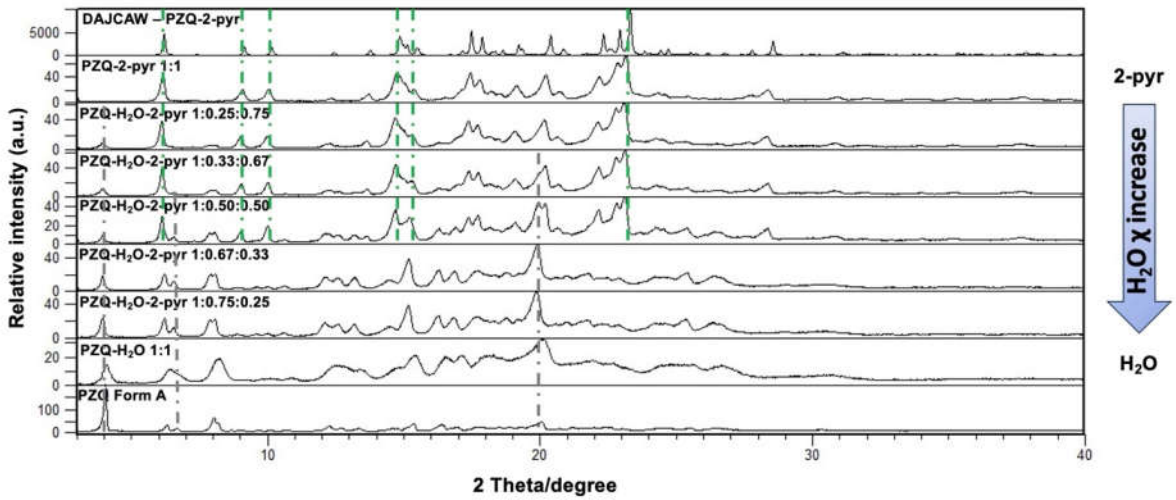

Figure S3. PXRD results of the tests in the presence of H_2O-2-pyr, Di-LAG. Green and grey dotted lines highlight PZQ-2-pyr and PZQ reflections, respectively.

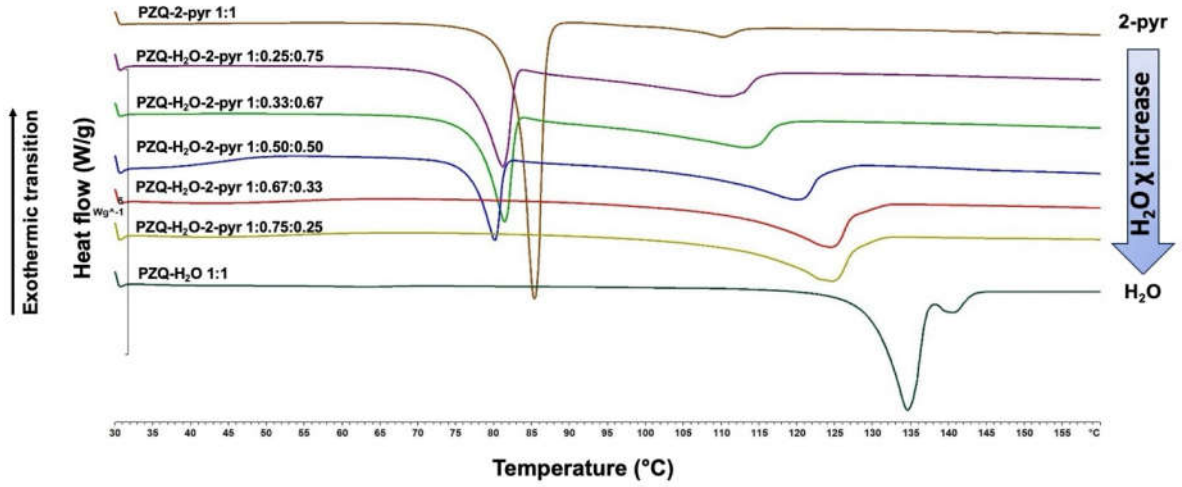

Figure S4. DSC results of the tests in the presence of H_2O-2-pyr, Di-LAG.

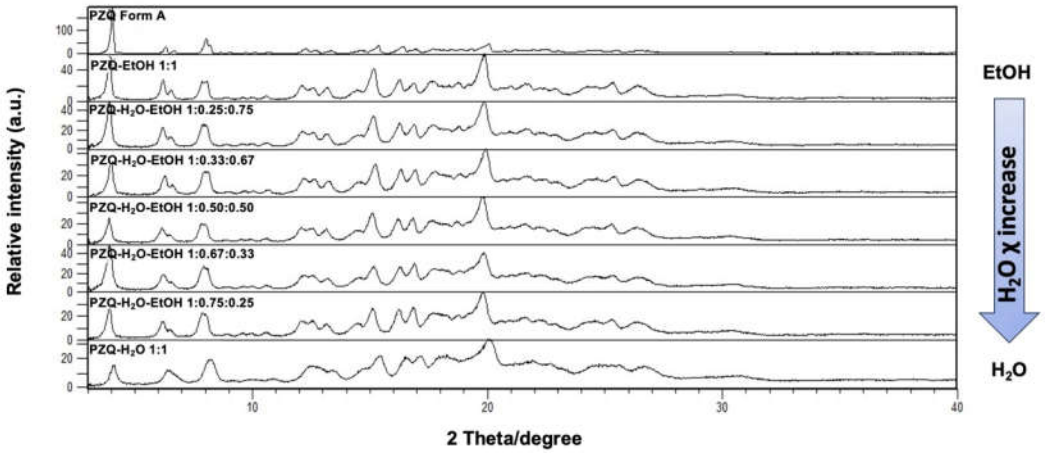

Figure S5. PXRD results of the tests in the presence of H_2O-EtOH, Di-LAG.

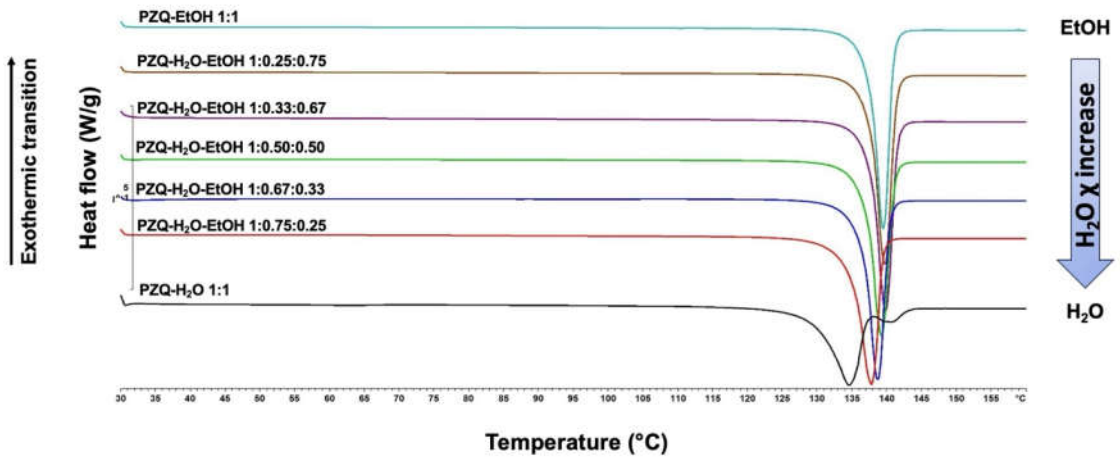

Figure S6. DSC results of the tests in the presence of H_2O-EtOH, Di-LAG.

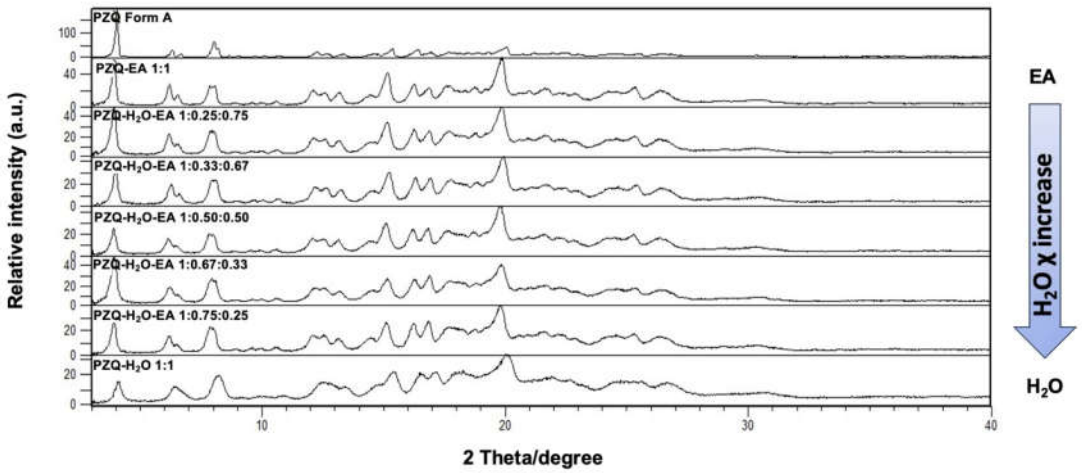

Figure S7. PXRD results of the tests in the presence of H_2O-EA, Di-LAG.

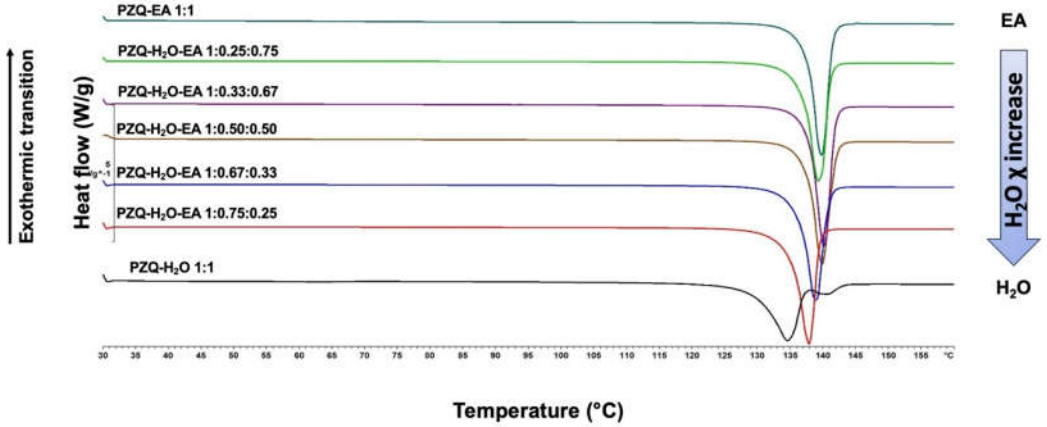

Figure S8. DSC results of the tests in the presence of H_2O-EA, Di-LAG.

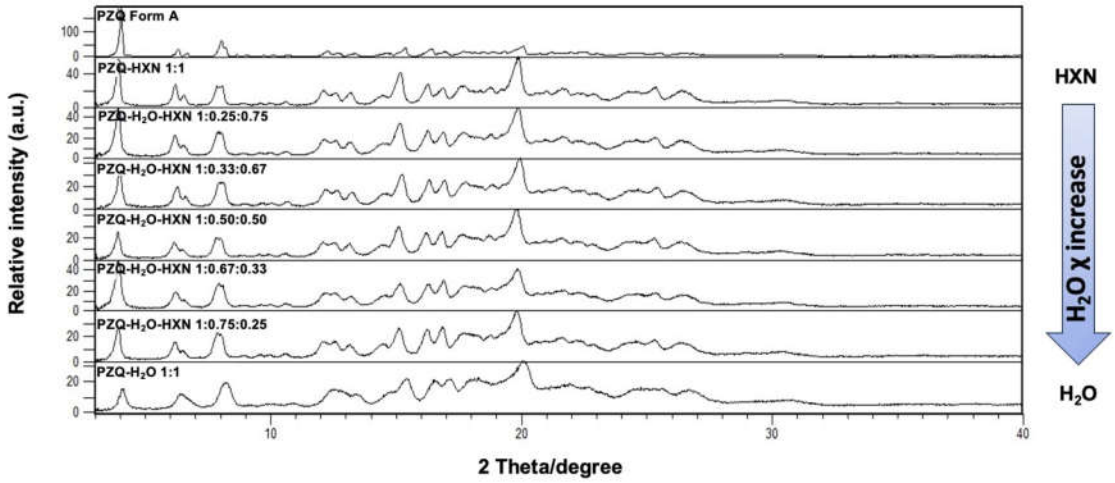

Figure S9. PXRD results of the tests in the presence of H_2O-HXN, Di-LAG.

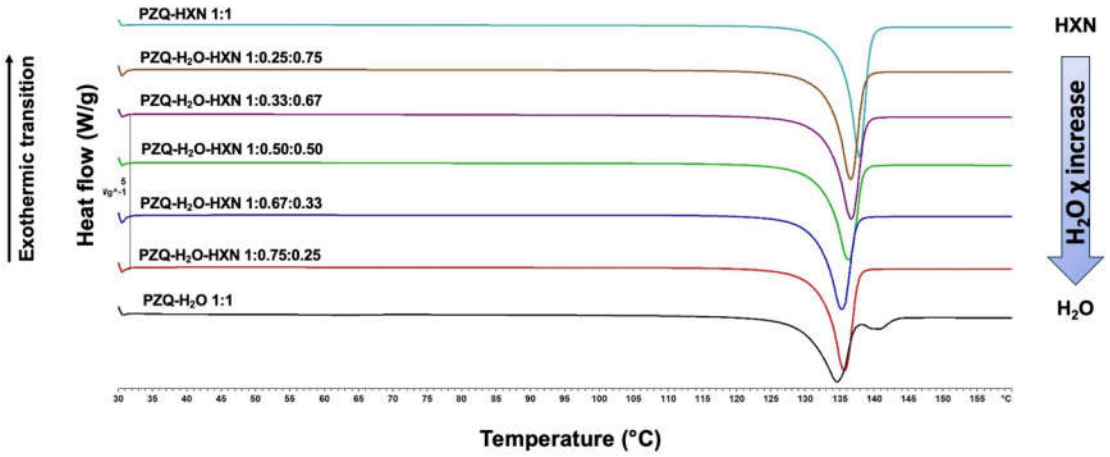

Figure S10. DSC results of the tests in the presence of H_2O-HXN, Di-LAG.

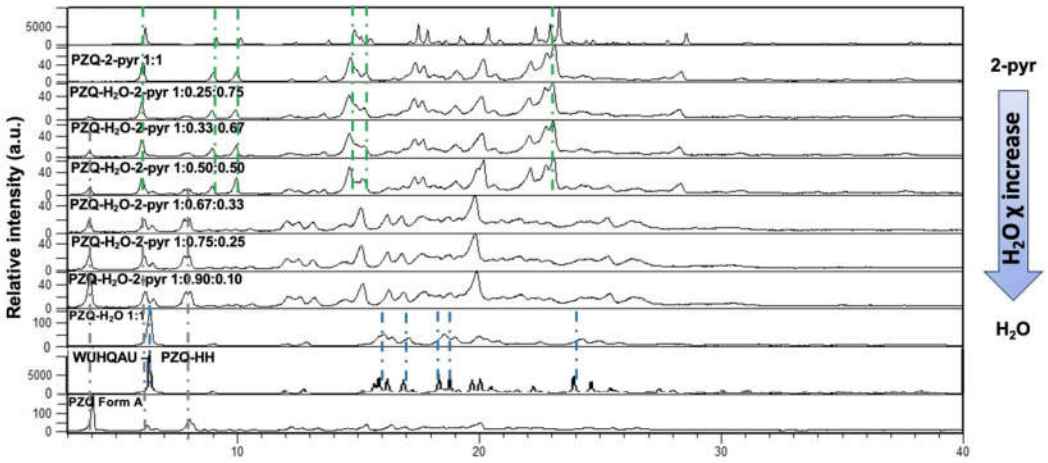

Figure S11. PXRD results of the tests in the presence of H_2O-2-pyr, NG+LAG procedure. Green, blue and grey dotted lines highlight PZQ-2-pyr, PZQ-HH and PZQ reflections, respectively.

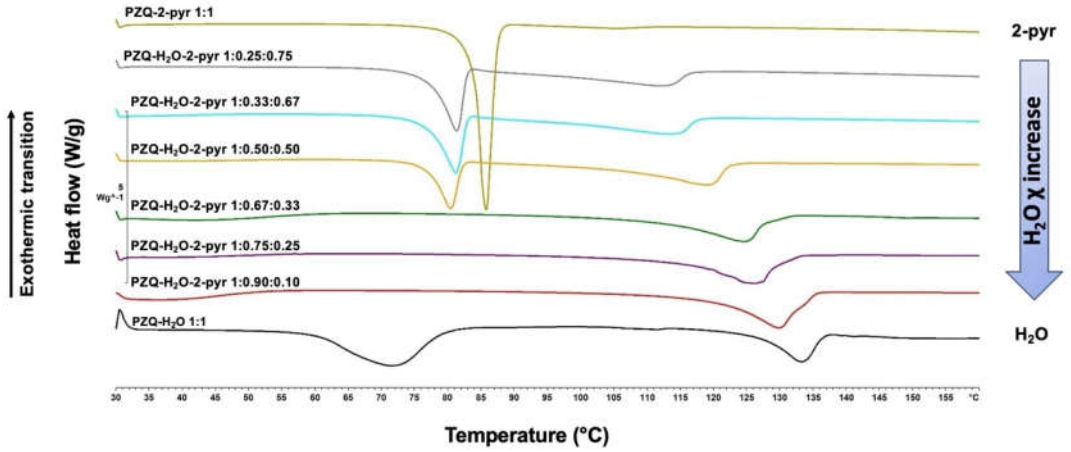

Figure S12. DSC results of the tests in the presence of H_2O-2-pyr, NG+LAG procedure.

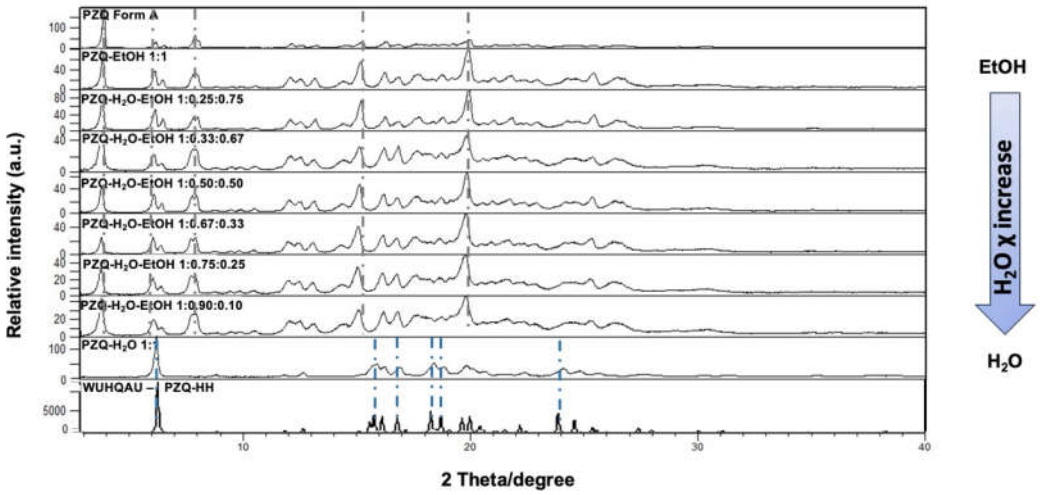

Figure S13. PXRD results of the tests in the presence of H_2O-EtOH, NG+LAG procedure. Blue and grey dotted lines highlight PZQ-HH and PZQ reflections, respectively.

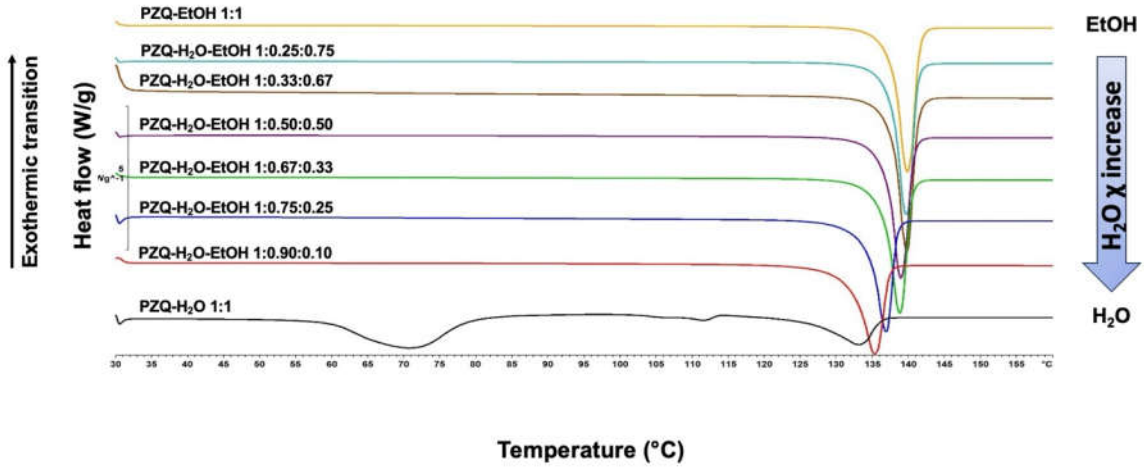

Figure S14. DSC results of the tests in the presence of H_2O-EtOH, NG+LAG procedure.

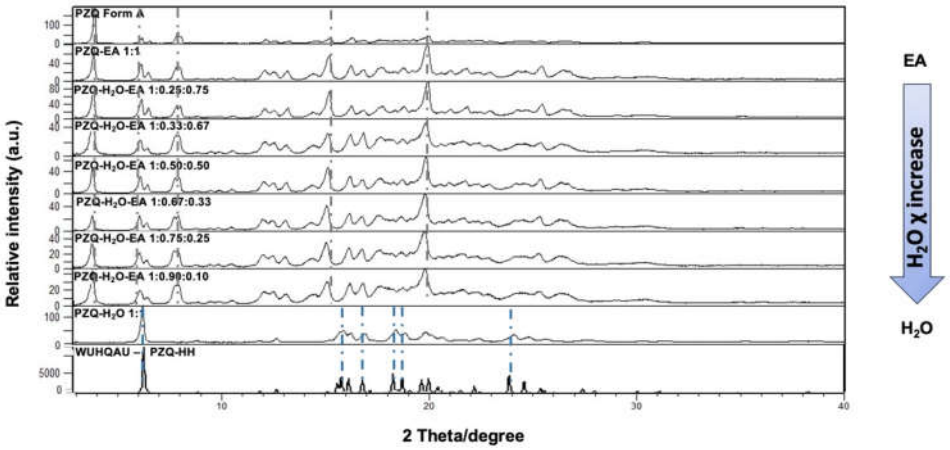

Figure S15. PXRD results of the tests in the presence of H_2O-EA, NG+LAG procedure. Blue and grey dotted lines highlight PZQ-HH and PZQ reflections, respectively.

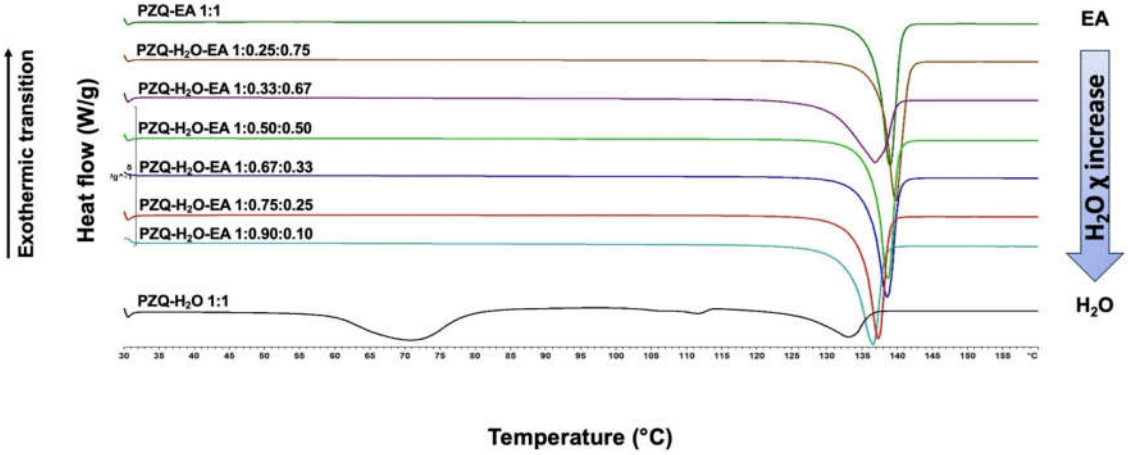

Figure S16. DSC results of the tests in the presence of H_2O-EA, NG+LAG procedure.

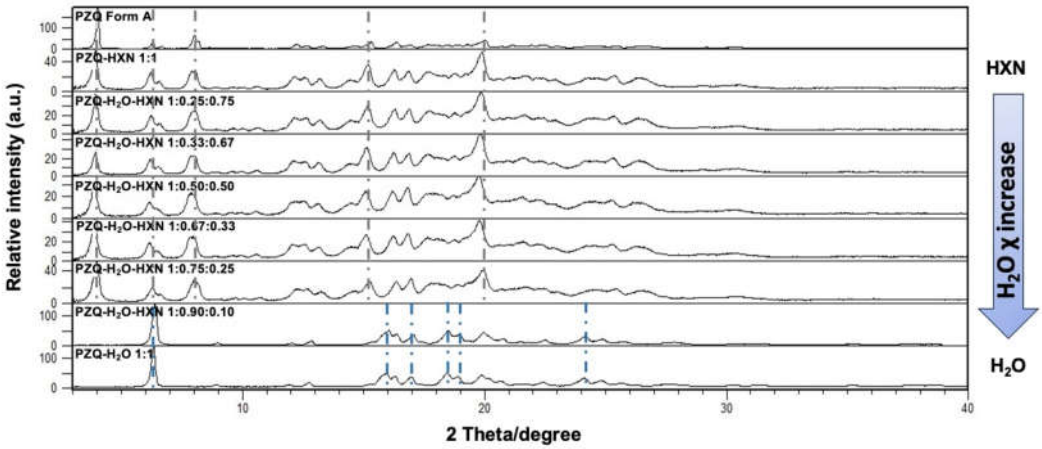

Figure S17. PXRD results of the tests in the presence of H_2O-HXN, NG+LAG procedure. Blue and grey dotted lines highlight PZQ-HH and PZQ reflections, respectively.

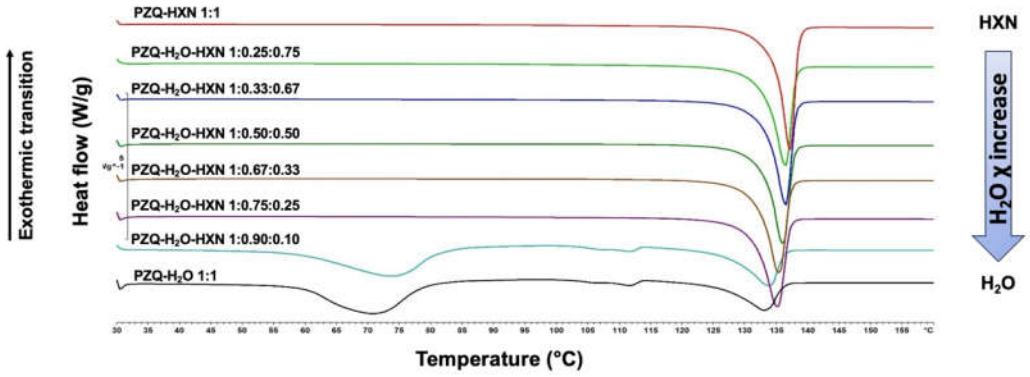

Figure S18. DSC results of the tests in the presence of H_2O-HXN, NG+LAG procedure.

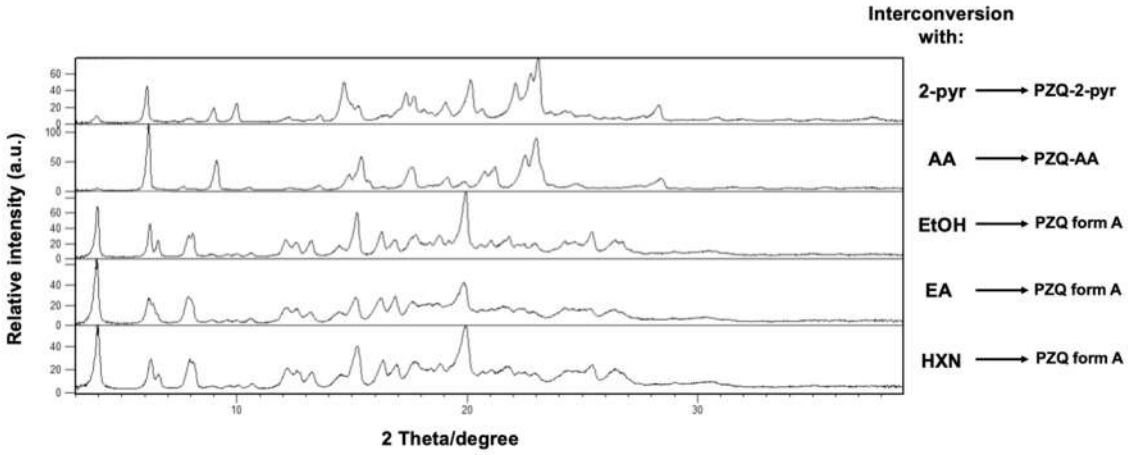

Figure S19. PXRD results of the five interconversion experiments starting from preformed PZQ-HH.

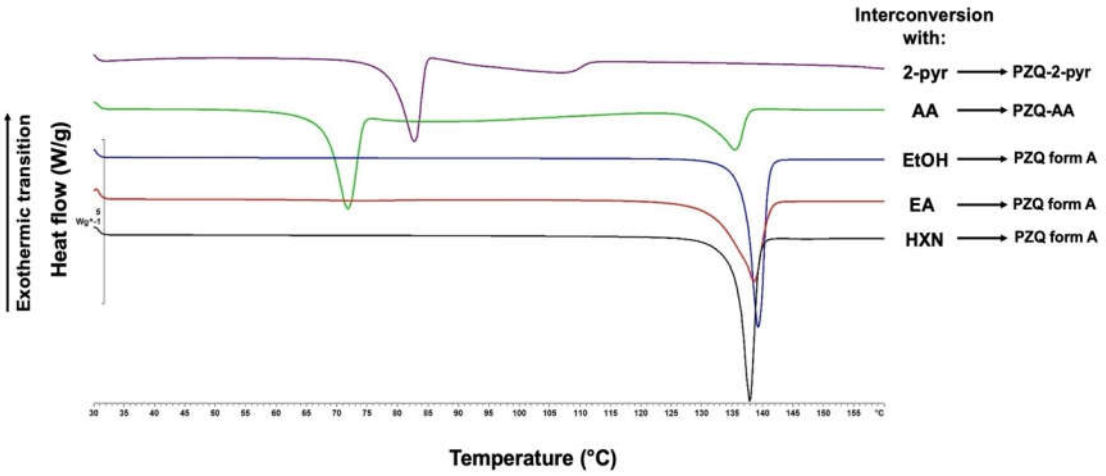

Figure S20. DSC results of the five interconversion experiments starting from preformed PZQ-HH.