

Figure 1. Synthesis of  $Mg(H_2gal) \cdot 2H_2O$

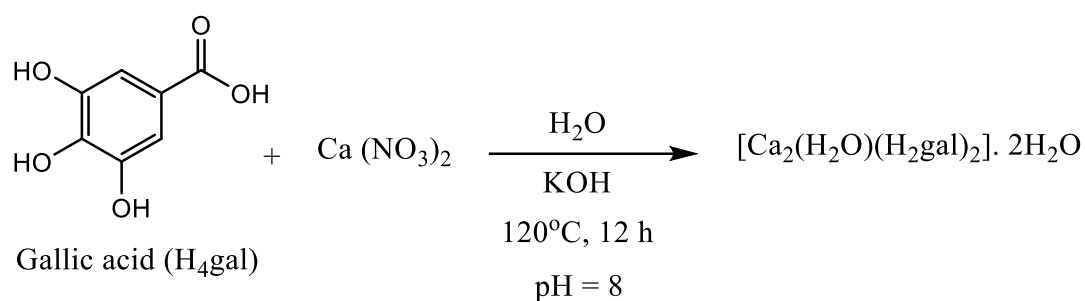


Figure 2. Synthesis of MIL-155

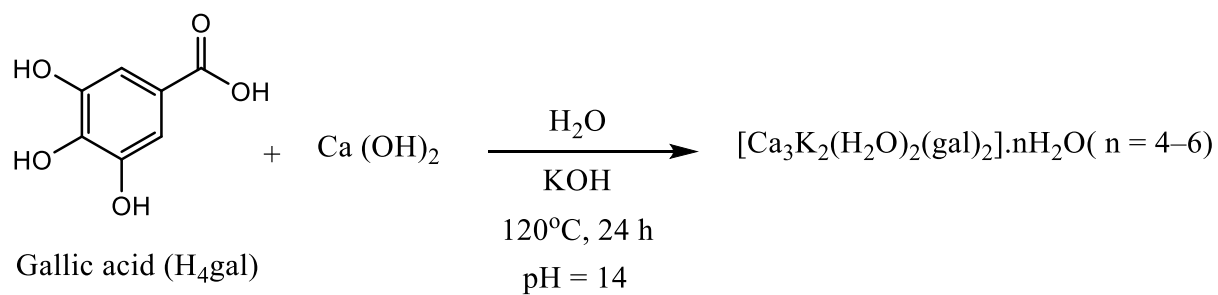


Figure 3. Synthesis of MIL-156

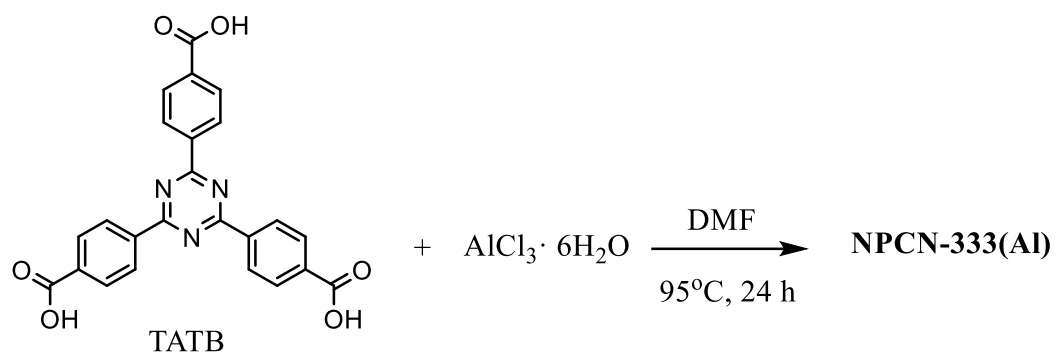


Figure 4. Synthesis of NPCN-333(Al)

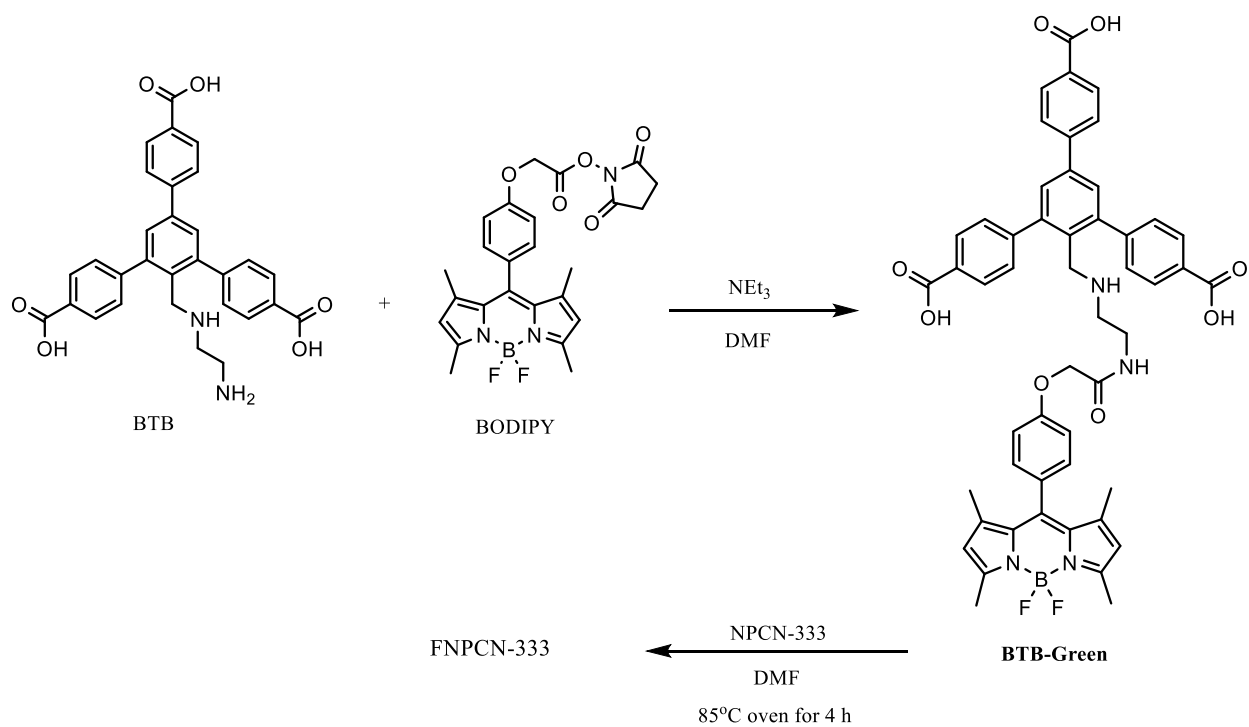


Figure 5. Synthesis of FNPCN-333

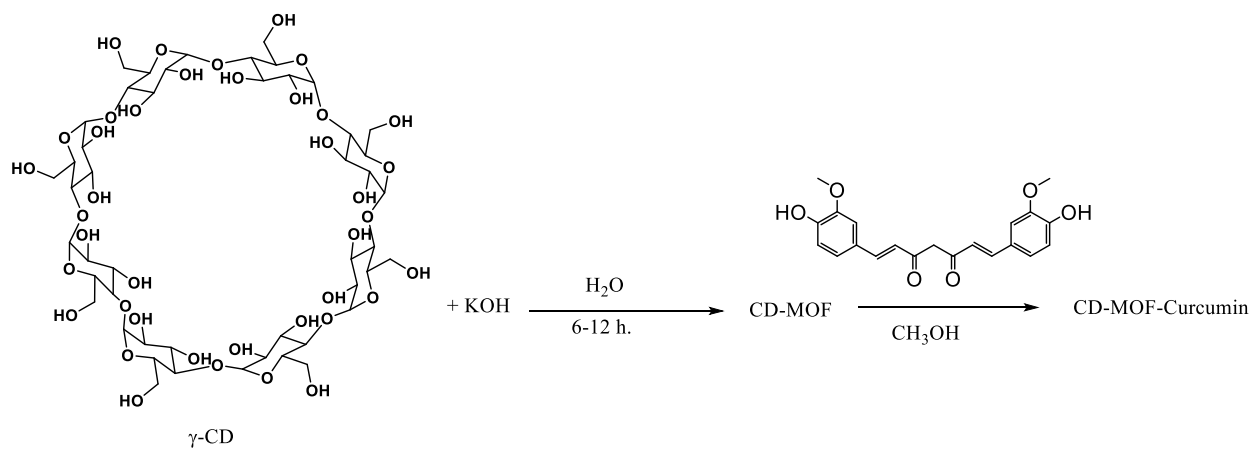


Figure 6. Schematic representation of synthesis of CD-MOF for curcumin loading

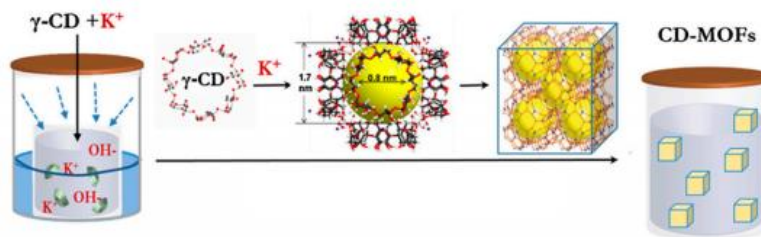


Figure 7. Vapor diffusion method

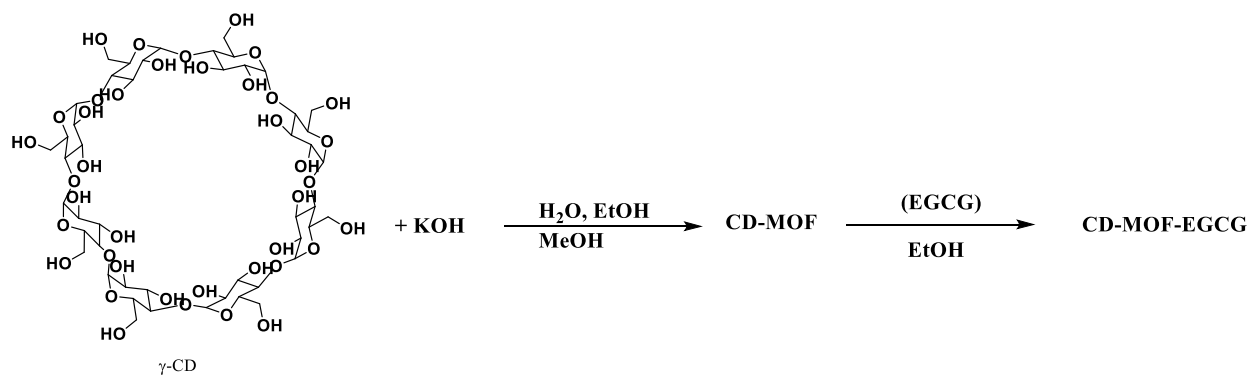


Figure 8. Schematic representation of synthesis of CD-MOF for EGCG loading

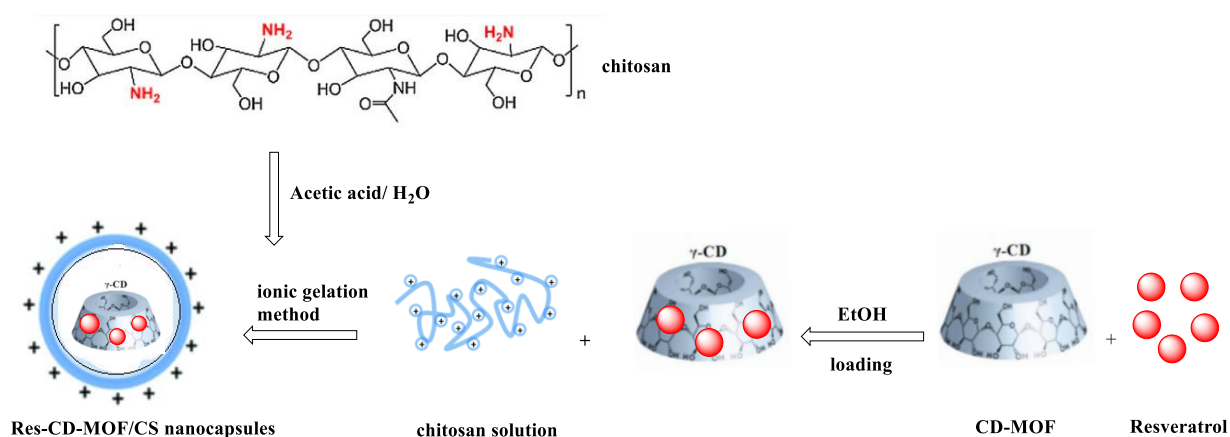
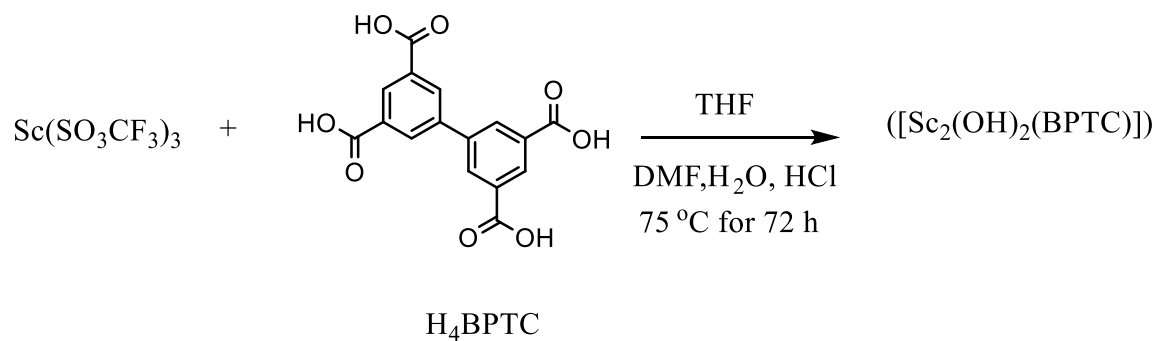


Figure 9. Schematic representation of synthesis of CD-MOF/CS for resveratrol loading

### Synthesis of MFM-300(Sc)



### Synthesis of FER@MFM-300(Sc)

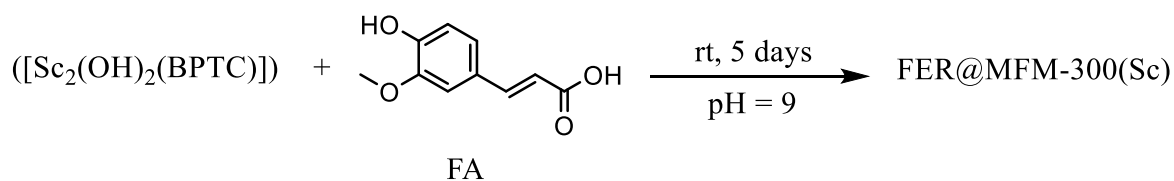


Figure 10. Synthesis of MFM-300(Sc) and FER@MFM-300(Sc)

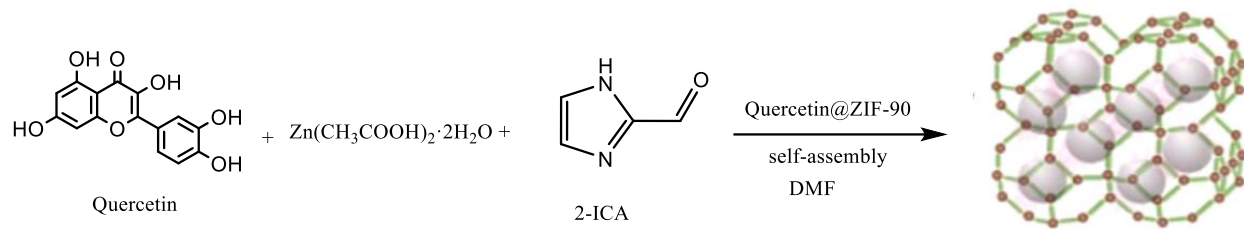


Figure 11. The synthesis of Quercetin@ZIF-90 (QZ)