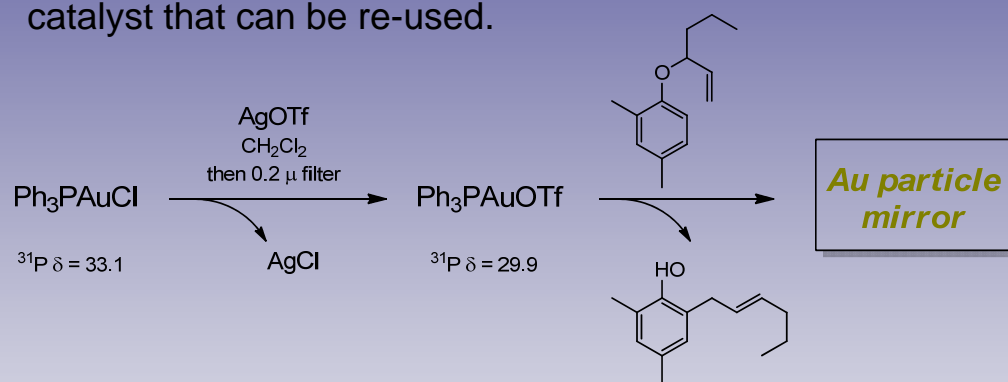


Au(I)-Catalyzed Rearrangement of Allyl Aryl Ethers

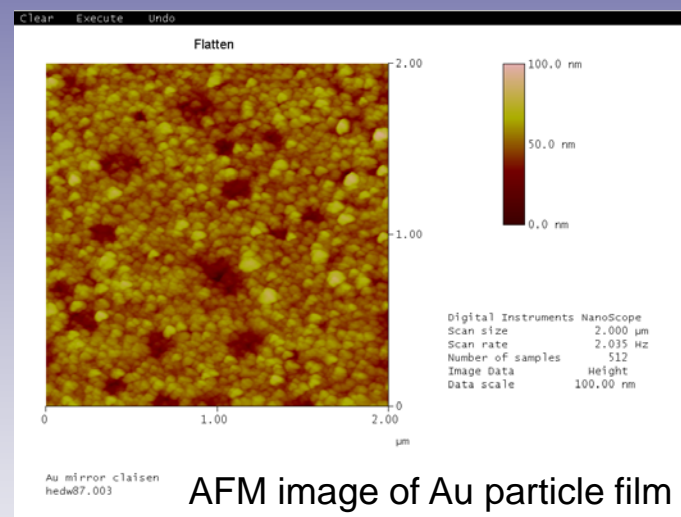
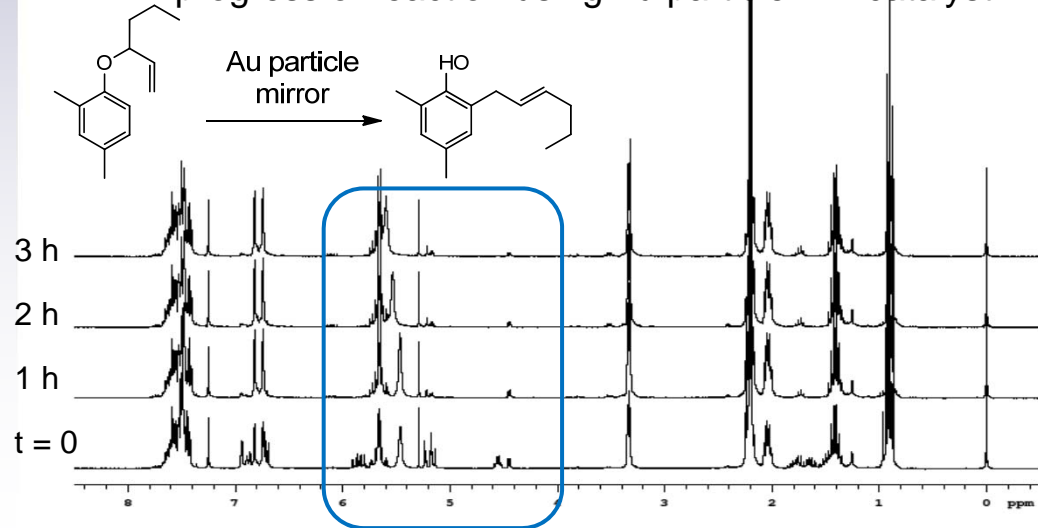
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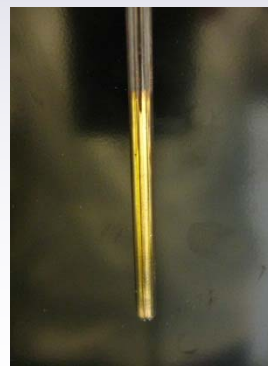
Recent studies suggest that gold nanoparticles can catalyze the Claisen-type rearrangement of aryl allyl ethers. The particles adhere to the surface of the reaction vessel, creating an immobilized catalyst that can be re-used.



^1H NMR progress of reaction using Au particle film catalyst



AFM image of Au particle film



Au particle film in NMR tube