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A highly active ...

… nanoreactor has been synthesized by encapsulating dendritic platinum nanoparticles inside a hollow porous silica capsule. V. Salgueiriño, M A. Correa-Duarte, and co-workers show in their Communication on page 3877 ff. that hydrazine reduces nickel ions (both reactants from outer solutions) in the presence of dendritic Pt nanoparticles, allowing the formation of metallic Ni nanoparticles inside the cavity of the nanoreactor and opening the door for confined catalysis.

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