Cobalt Doped ZnO Nanostructured Material as a Multifunctional Catalyst for Oxidant-free **Alcohol Dehydrogenation and Dehydrogenative Coupling reaction**

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- XPS analyses.
- Exploring the potential of the synthesized nanomaterial as a and acceptorless dehydrogenative coupling (ADC) reaction.
- XPD analyses

SYNTHESIS OF CATALYST

- 2. Washed, dried

- nanostructures





DST-FIST