

- **NOM DEL PROYECTO**: Generation of spirocycles via Transition-metal-catalyzed functionalization of alkenes and C-H bonds to form C-C bonds
- **VACANT** Final degree project (Masters or Bachelor) in chemistry or adjacent field
- **RESUM**: Spirocycles are notoriously difficult to synthesize, yet they are present in numerous fine chemicals and pharmaceutical products. This project proposes to develop a method for the easy synthesis of spirocycles by using transition metal catalyst by a sequential functionalization of a C-C multiple bond followed by the cleavage of a nearby C-H bond to generate a new carbon-carbon bond leading to spirocyclic skeletons. We are looking for someone with basic knowledge in Organic Synthesis, Organometallic Chemistry and Characterization of chemical compounds.
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