

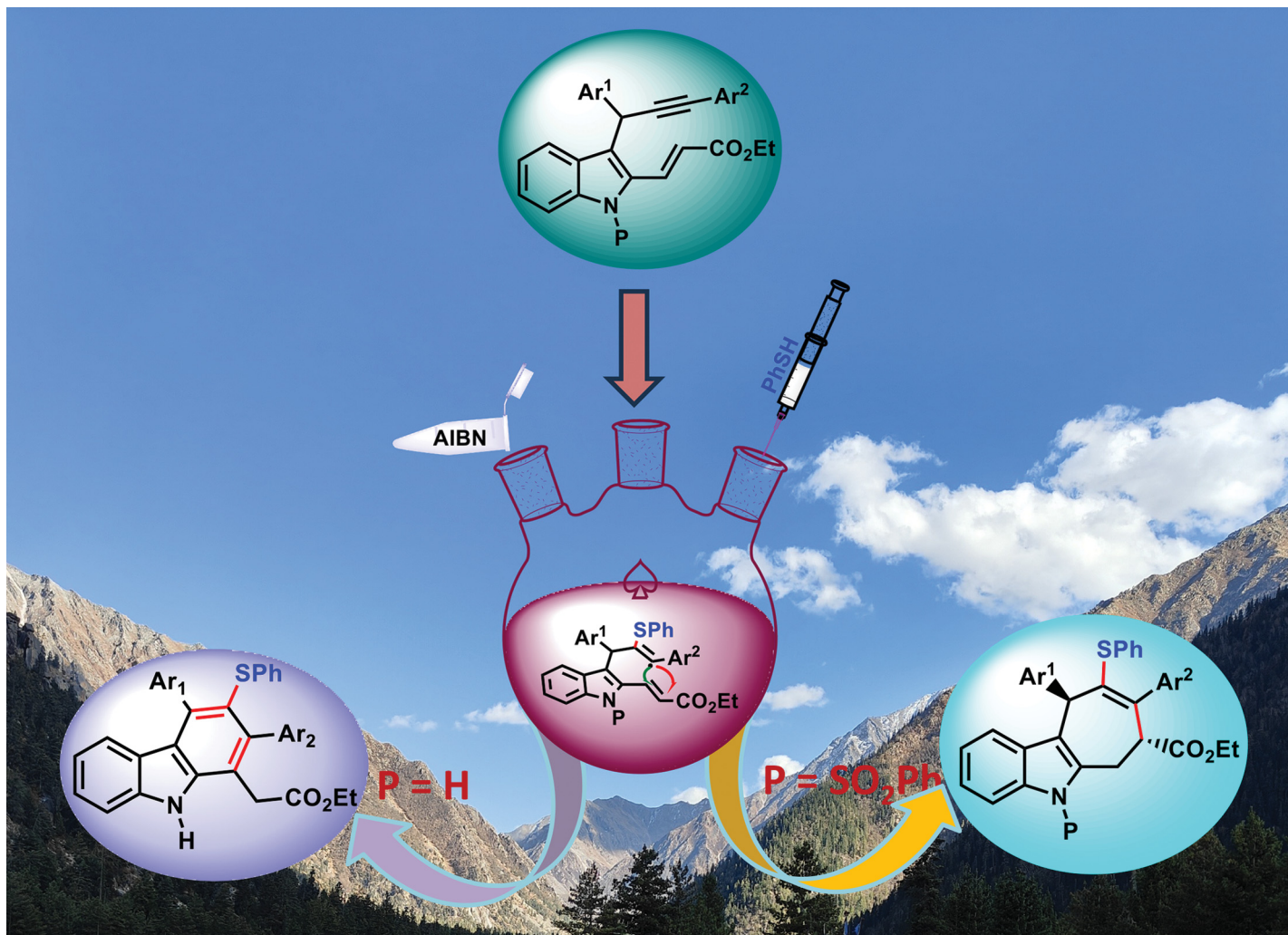
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Elemental answers**



Showcasing research from Professor Santosh J. Gharpure's laboratory, Department of Chemistry, Indian Institute of Technology Bombay, Powai, Mumbai-400076, India

Cascade radical cyclization on 3-propargyl-2-alkenyl indole gives stereoselective access to cyclohepta[b]indole over carbazole

Diastereoselective formation of cyclohepta[b]indoles over carbazole derivatives depends on the nitrogen-protecting group. The cascade radical cyclization performed on indole derivatives possessing alkyne, acrylate and vinyllogous carbamate moieties, delivered pyridocarbazoles suggesting that the mechanism involves a 6-*exo-trig* radical cyclization-cyclopropanation-ring expansion cascade.

As featured in:



See Santosh J. Gharpure and Sanyog Kumari, *Chem. Commun.*, 2024, **60**, 538.