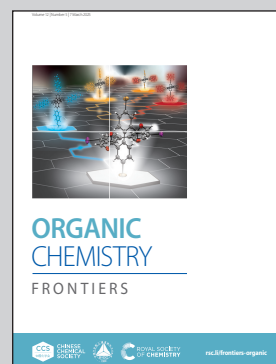


Showcasing research from Professor Sanchita Sengupta's laboratory, Department of Chemical Sciences, Indian Institute of Science Education and Research (IISER) Mohali, India.

Multichromophoric perylene-iridium triad as a homogeneous photocatalyst for the efficient synthesis of tetrahydroquinoline derivatives

A multichromophoric system, **Ir-triad 1**, incorporating a perylene monoimide, two naphthalimides and an Iridium metal ion was utilized as a homogeneous photocatalyst to synthesize tetrahydroquinolines from N,N-dimethylanilines and maleimides under blue LED irradiation with yields of 82–83%.

As featured in:



See Anita Kumari and Sanchita Sengupta, *Org. Chem. Front.*, 2025, 12, 1409.

Registered charity number: 207890