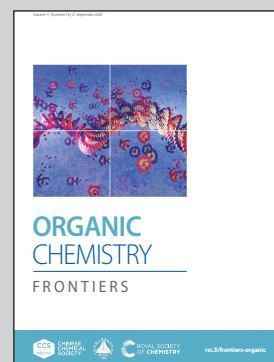


Showcasing research from Professor Upendra Sharma's laboratory, Chemical Technology Division, CSIR-Institute of Himalayan Bioresource Technology, Palampur, India.

Synthesis of axially chiral biaryls *via* Pd(II)-catalysed direct C(sp<sup>2</sup>)-H arylation

Pd-catalysed atroposelective C-H arylation of 1-naphthylisoquinoline *N*-oxides *via* kinetic resolution pathway is unveiled. The high conformational stability of synthesised biaryl products at high temperature and different nature of solvents is observed from experimental and DFT studies.

As featured in:



See Akhilesh K. Sharma, Upendra Sharma *et al.*, *Org. Chem. Front.*, 2024, 11, 4986.

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