A. MAJI, A. DAHIYA, G. LU, T. BHATTACHARYA, M. BROCHETTA, G. ZANONI*, P. LIU*, D. MAITI* (INDIAN INSTITUTE OF TECHNOLOGY, MUMBAI, INDIA; UNIVERSITY OF PITTSBURGH, USA; UNIVERSITÀ DEGLI STUDI DI PAVIA, ITALY)
H-Bonded Reusable Template Assisted *para*-Selective Ketonisation using Soft Electrophilic Vinyl Ethers
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para-Ketonization Using Electrophilic Vinyl Ethers

Category

Metal-Mediated
Synthesis

Key words

para-selective
reaction

ketonization

vinyl ethers

Synfact
of the month

Selected examples:

Vinyl Substitution Variation

Electron-Rich Arene Scope

Electron-Deficient Arene Scope

Significance: The authors report a direct *para*-selective ketonization of arenes. This method makes use of a reusable template to ensure high selectivity.

Comment: A well-defined hard–soft interaction suppresses competitive routes and enables the functionalization of often challenging electron-poor systems.

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