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Garratt-Braverman cyclization on basic alumina: A green protocol with improved selectivity

Debaki Ghosh, Subhanip Biswas, Koena Ghosh, Amit Basak

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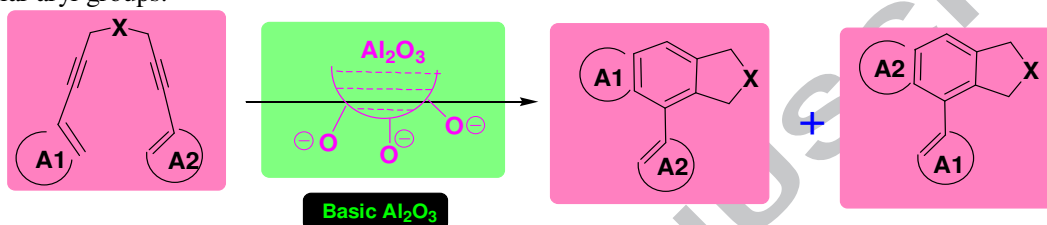
Graphical Abstract

Garratt-Braverman cyclization on basic alumina: A green protocol with improved selectivity

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Debaki Ghosh, Subhanip Biswas, Koena Ghosh and Amit Basak*

A simple green protocol for carrying out the GB reaction on basic alumina support is described. The reaction proceeded in high yields and with significantly higher selectivity in case of ethers and sulfonamides with dissimilar aryl groups.



For X = SO₂, r.t. 10-15 min, 90-95% For X = O, NSO₂Ar, 130 °C, 6-8 h, 80-90%

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