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Fundamental questions
Elemental answers



**Showcasing research from Næsborg's laboratory,
Department of Organic Chemistry, University of Münster,
NRW, Germany.**

Methyl viologen as a catalytic acceptor for electron donor-acceptor photoinduced cyclization reactions

In our work, we develop a catalytic strategy for photocyclizations through electron-donor-acceptor complexation that bypasses the need for leaving group installation and added terminal oxidant. The simple organic catalyst and substrate associate and generate a coloured solution allowing for green light absorption that promotes formal [4 + 2] and [2 + 2] photocycloadditions.

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As featured in:



See Line Næsborg *et al.*, *Green Chem.*, 2025, 27, 1969.