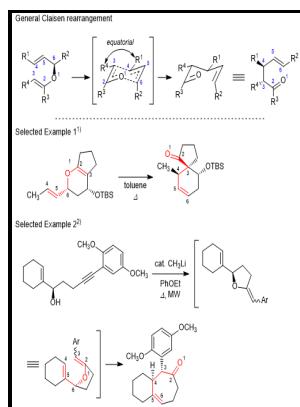


# Claisen rearrangement - methods and applications

Wiley-VCH - Microwave



Description: -

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Claisen rearrangement  
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Notes: Includes bibliographical references and index.

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Tags: #Application #of #Claisen #Rearrangement #and #Olefin #Metathesis #in #Organic #Synthesis

## Claisen Rearrangement

Examples of the application of the Claisen—Johnson rearrangement in synthetic transformations in the area of steroids and vitamin D analogs have been documented, and for the synthesis of versatile chiral intermediates for fused cyclopentanoid natural products. A DFT Study of Relationships among Anion Stabilities, Mechanisms, and Rates.

## Claisen rearrangement

Density Functional Study of Bergman Cyclization of Enediynes. It could be observed that the chemical shift of the C 1-position of the allyl ether chain was the most affected by the surrounding chemical environment.

## Claisen Rearrangement

Stereochemical outcomes of many reactions are discussed in detail. The reaction yield was comprised between 80 and 90%, accounting for water-soluble low molecular weight compounds leached during the recovery operations.

## The Tandem Claisen Rearrangement in Organic Synthesis

In: Hiersemann M, Nubbemeyer U eds The Claisen rearrangement: methods and applications. XX with permission from the Centre National de la Recherche Scientifique CNRS and The Royal Society of Chemistry.

## Iron (III) Chloride Catalyzed Claisen Rearrangement Reaction of Allyloxyarenes under Microwave Conditions

Katritzky AR, Kirichenko K, Ji Y, Steel PJ, Karelson M 2003 Syntheses of 3-hydroxymethyl-2,3-dihydrobenzofurans and 3-hydroxymethylbenzofurans. This clearly showed that the reaction occurs through the intramolecular mechanism and not the intermolecular mechanism.

## Claisen Rearrangement

Although many dozens of sigmatropic reaction variations are known with strictly organic-based compounds, there are far fewer reports of such pericyclic processes with boron-containing compounds.

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## Related Books

- [Royal College of Art tradition - Randolph Schwabe and S.R. Badmin - master and pupil.](#)
- [Models of policy implementation - the case of the NHS.](#)
- [Intermediate algebra](#)
- [Occupational health practice](#)
- [Virtue and vice in the Middle Time](#)