

Lecture Announcement



No. 643.260, Summer semester 2022, Semester hours: 2

Organic stereochemistry

Dates: will be discussed in a briefing (07.03.2022; location and time will be given in TUG-Online)

Core topics to be covered

Principles of modern organic stereochemistry emphasizing practical use and applications for:

- correct drawing of molecules in different projections
- nomenclature (Fischer D/L; CIP R/S; syn/anti, lk/ul; Brewster)
- analysis and interpretation of advanced structural features (NMR-studies of conformeres)
- stereochemistry related issues and advantages in connection to organic synthesis.

Previous knowledge expected

Basic knowledge of organic chemistry.

Objective of the course

After successful completion of this course, the students will gain vast understanding of organic stereochemistry and its relevance for the reactivity patterns of organic molecules.

Language and teaching method

Deutsch, PowerPoint, Blackboard (Lecture, exercises, problem-solving)

Contact and further details

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