

Structure and Reactivity

Friday 15h15-17h00, CUB 2

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Date	Topic
23.09.2010 15h15-17h00	1. Introduction: Goals of the lecture and position in organic chemistry module 2. Repetition of the Chemistry of Olefins and Carbonyls
01.10.2010 15h15-17h00	3.1 Sigmatropic rearrangements
08.10.2010 15h15-17h00	3.1 Sigmatropic rearrangements 3.2 Rearrangements via reactive intermediates
15.10.2010 15h15-17h00	3.2 Rearrangements via reactive intermediates Exercise Session: Rearrangements? Evaluation Home Made.
22.10.2010 15h15-17h00	4.1 Cyclization reactions using classical methods 4.2 Electrocyclic reactions
29.10.2010 15h15-17h00	4.3 Ene reactions 4.4. Cycloadditions: 4.4.1 Diels-Alder Cycloadditions
5.11.2010 15h15-17h00	4.4. Cycloadditions: 4.4.1 Diels-Alder Cycloadditions 4.4.2 [3+2] Cycloaddition reactions
12.11.2010 15h15-17h00	4.4.3 Other cycloadditions Exercise Session: 4. Cyclization and Cycloaddition reactions.
19.11.2010 15h15-17h00	5. Radical Methods and Photochemistry 6. Umpolung and other unusual reactivity
26.11.2010 15h15-17h00	6. Umpolung and other unusual reactivity Exercise Session: Chapter 5. and 6.
03.12.2010 15h15-17h00	7.1 Cross-Coupling , 7.2 Metathesis 7.3 Olefin and carbonyl functionalizations
10.12.2010 15h15-17h00	7.4 C-H functionalization 7.5 Synthesis of carbocyclic and heterocyclic systems
17.12.2010 15h15-17h00	7.5 Synthesis of carbocyclic and heterocyclic systems Exercise Session: Chapter 7
24.12.2008 No Lecture	