

Exercise Session, 20.11.19

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Question 1

Give the structure of the missing starting material (SM1), explain the synthesis of (-)-53

Question 2

Propose the structure of (-)-59 and explain the stereochemistry
What might the Me₃Al be used for?

Question 3

What product(s) can you expect from the reaction of 3-lithiated furan with (+)-63?
Explain the selectivity
How can this lithiated furan be obtained?

Question 4

Propose a solution for the two-step transformation of 71 to 73

Question 5

Propose a solution for the three-step transformation of 73 to 75

Question 6

Propose the stereochemistry in the product Saudin

