

The logic of synthesis

1. History of Synthesis

- Robert Burns Woodward

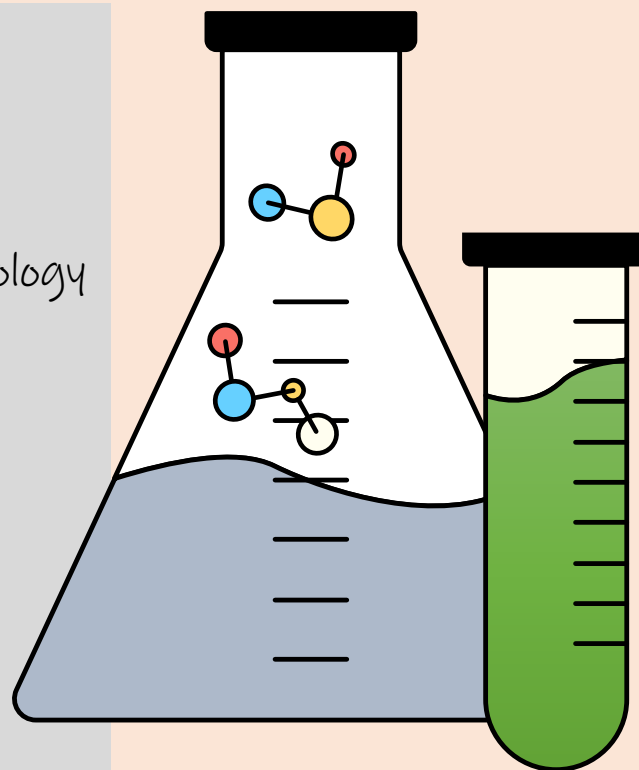
2. Types of Synthesis

- Total Synthesis, Semisynthesis, Methodology
- Linear synthesis, Convergent synthesis..

Q. Is total synthesis meaningful?

3. How to verify the molecule?

- History, NMR, IR..



4. How to design Synthesis

- E. J. Corey and retrosynthesis

5. Future of Synthesis

- Click chemistry, Microreactors, AI

Q. Will Organic Chemistry disappear?

Supplementary Materials

1. Juhann Mulzer, Nat. Prod. Rep., 2014, 31, 595-603
 2. Robert Burns Woodward in his Own Words, Dr Peter J.T. Morris, Historical Group, Royal Society of Chemistry, Occasional Papers, No 9
 3. Anat Milo, Isr. J. Chem. 2018, 58, 131-135
- Etc...

장소: 500동 L304호

일시: 5월 16일 (목) 늦은 6시 30분

호스트 김유빈