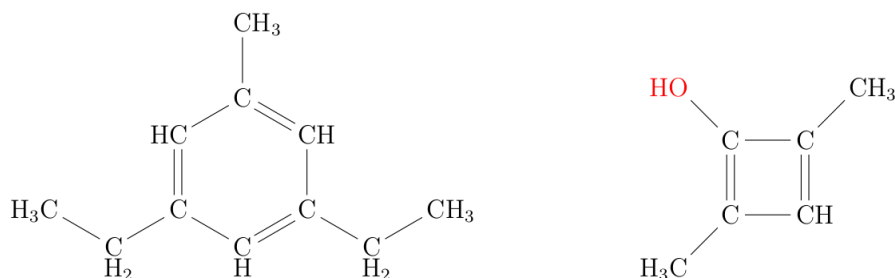


- I will explain (using mØd) why the following are counterexamples that show that Weiningers's SMILES canonicalisation methods fails.



- In week 41 we will finish our discussion on MCB (ring perception). We will then focus on Petri Nets, including applications of how to use them with MØD and why they are relevant for Chemistry. An NPc proof was given.
- Mandatory Reading (only Petri-Net Part):
  - The slides for the lecture should cover everything.
- Recommended Reading:
  - Murata, Tadao: *Petri Nets: Properties, Analysis and Applications*. In: Proceedings of the IEEE, Vol. 77, No. 4, pages 541-580. April 1989.
- Voluntary Reading:
  - Monika Heiner, David Gilbert, Robin Donaldson: *Petri Nets for Systems and Synthetic Biology*. SFM 2008: 215-264
  - Javier Esparza: *Decidability and Complexity of Petri Net Problems - An Introduction*. Petri Nets 1996: 374-428