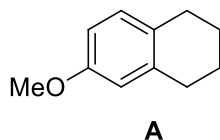


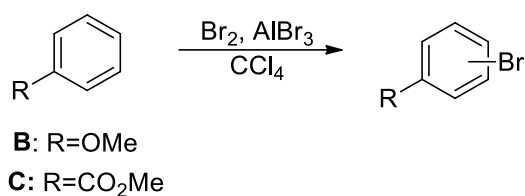
FRO-II, POW - N° 3

- 1 Propose a synthetic route to **selectively** prepare compound **A**. Anisole (methoxybenzene) is the allowed aromatic starting material. Hint: The synthesis requires more than one step.



- 2 Which one of the two substrates **B** or **C** reacts faster?

Why does it react faster?



- 3 1,4-dimethoxybenzene is reacted under Vilsmeier-Haack conditions. Please draw a detailed mechanism of the reaction and as well the product.