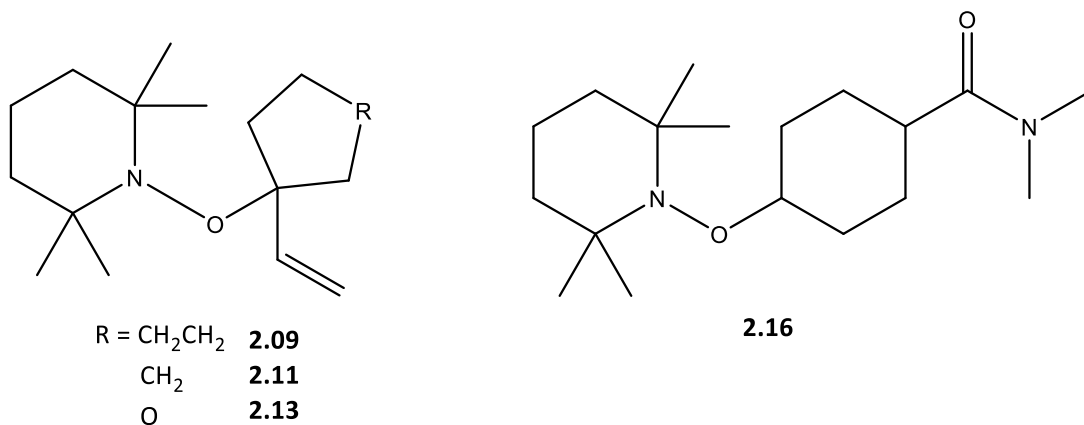


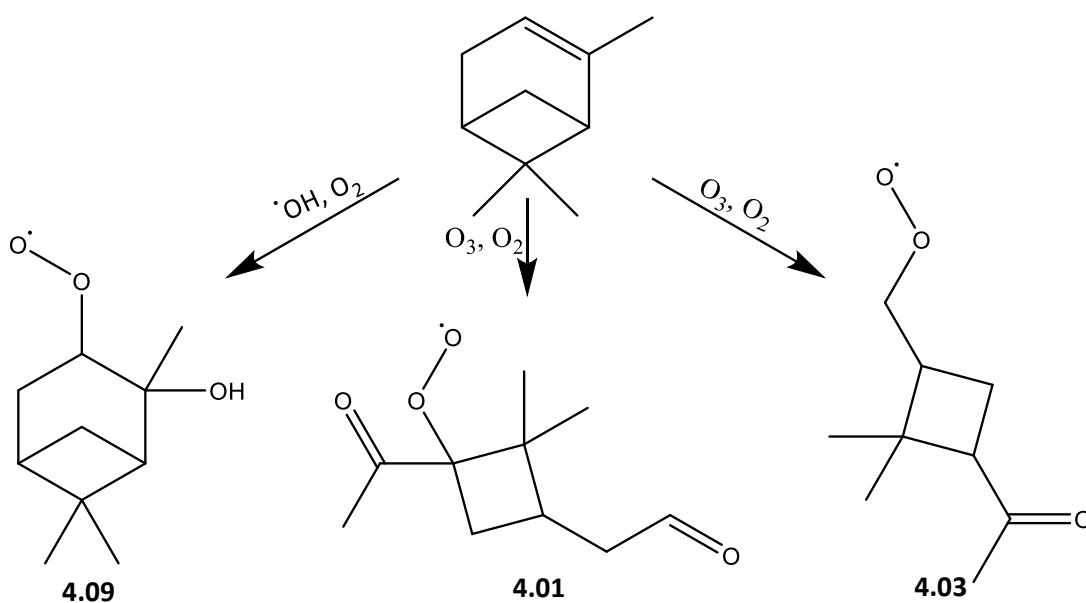
Key Compounds Discussed Throughout this Thesis

Please note, these are intended as a reference to different structures discussed in various chapters: as such they are not complete reaction schemes.

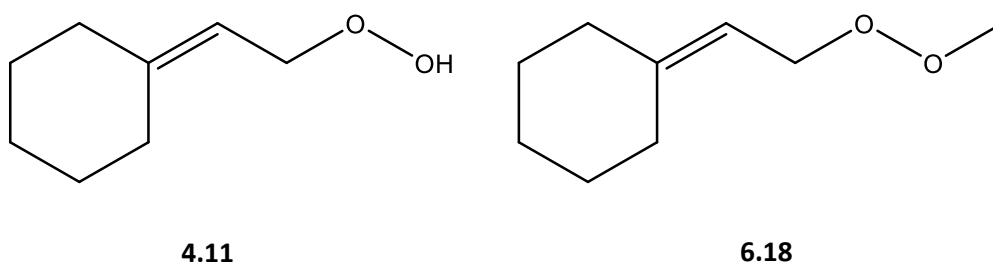
Trapping Compounds:



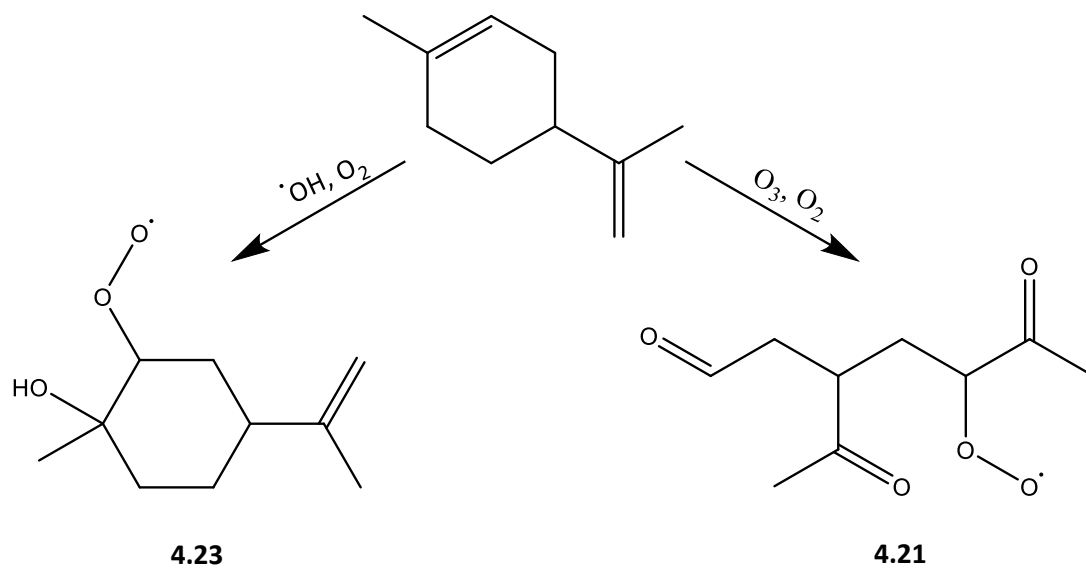
Initial Peroxy Radicals from α -pinene:



The Hydroperoxy and Methyl Peroxy Radical Adducts, Trapped by 2.09



Initial Peroxy Radicals from limonene:



Radicals from n-nonane + $\cdot\text{OH}$:

Please note that this is an example reaction scheme – for example, hydrogen abstraction from nonane will occur at the C4 position, as well as the C3 position given here. As such, each species is intended to represent a series of positional isomers. For more detail, please see **Chapter 6**.

