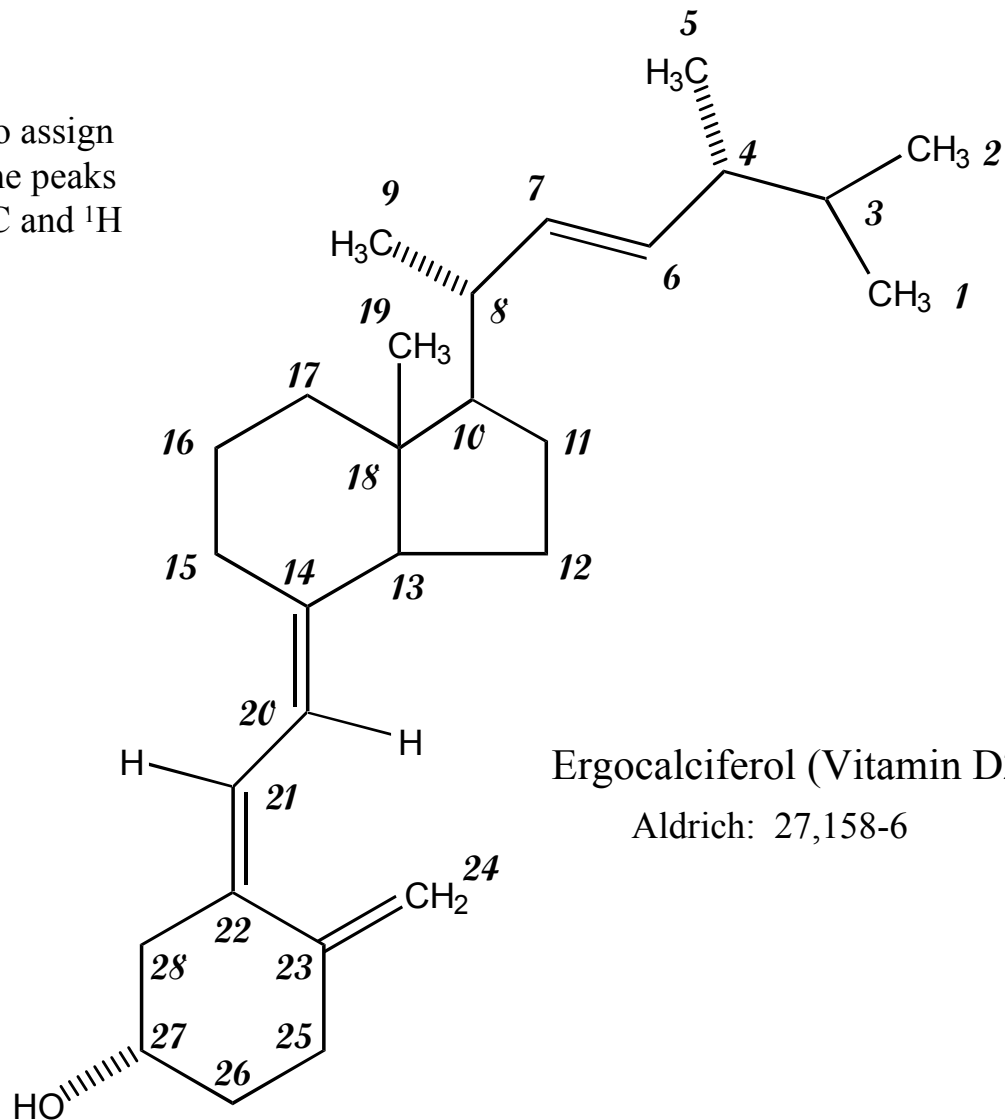


Final Exam: Structure

Use the numbers on the structure to the right to assign the NMR resonances to the structure. Label the peaks with the corresponding number, in both the ^{13}C and ^1H NMR spectra.

$\text{C}_{28}\text{H}_{44}\text{O}$
Exact Mass: 396.3392
Mol. Wt.: 396.6550
C, 84.79; H, 11.18; O, 4.03



Ergocalciferol (Vitamin D₂)

Aldrich: 27,158-6