

Problem 77, Chemistry 301X-2006

(b) In the box labelled “wrong answers” are compounds suggested by Amos Alonzo Stagg as the products of the four reactions. Each is, of course, wrong. Your job is to tell us one specific - repeat, specific - spectroscopic measurement (not mass *spectrometry*) that would distinguish Stagg’s wrong compounds from the real ones. No more than two compounds for each spectroscopic technique!

