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The total synthesis of 5-methoxy-3,4-dehydroxanthomegnin, dehydroherbarin lactone and 6-ferrocenyl-3,4-dihydroisochromene

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To Whom It May Concern

Re: Comment on the HRMS data

We noted that the differences between the found mass and the expected mass were outside the acceptable range. When we revisited the data in hand we found that the calculations of the expected mass were erroneous. In most cases we did not include the proton in the calculations and when that was done most of the values were within the required range. The MS data for compound ***trans*-425** has been removed because we were unable to correlate the two reported values. However, this does not take away the fact that the ^{1}H and ^{13}C NMR spectra clearly showed loss of one aromatic proton which was available in the starting material. Furthermore, the crystal structure of compound **JS-X10** confirmed the availability of the bromine atom. In some cases the values were misquoted probably because we were working under limited time. For example, the mass of compound **242** was reported as 391.1708 amu instead of the correct mass of 391.1748 amu. This project is ongoing in our laboratory and more data will be generated by the students who are continuing with this project.

I hope this answers some of the questions you may have had regarding the HRMS data.

Yours sincerely,

Jimmy E.Y. Sumani