

Complete assignments of the ^1H - and ^{13}C - NMR data of flavone derivatives

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The ^1H and ^{13}C chemical shifts of flavone and its five derivatives were determined completely using the basic 1D and 2D NMR experiments and molecular modeling. Of the six compounds used for our experiments, the NMR data of three compounds were published previously, but we found that the data of two compounds included wrong assignments. Therefore, we report the corrected data and the complete assignments of NMR data of the other three compounds¹⁾.

Reference

1. Harborne, J. B. The Flavonoids: Advances in Research. (1994), Chapman & Hall, London.