

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

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Many flavonol derivatives are being discovered still. Because most of them are isolated as natural products, only small amounts are usually collected. One of methods to identify them is HPLC and their authentic sample should be required for a comparison. Unfortunately, however, it is difficult to secure the authentic samples of natural products. If their NMR data are known, their authentic samples are not needed anymore. Authors report here the complete assignments of the ^1H and ^{13}C chemical shifts of flavonol and its nine derivatives determined using the basic 1D and 2D NMR experiments¹⁾.

Reference

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