

NMR data of 3,5,7-trihydroxy-2-phenyl-4H-chromen-4-one derivatives

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Abstract

3-hydroxy-2-phenyl-4H-chromen-4-one is called flavonol which belongs to one of flavonoids family. 5,7-Dihydroxylated 4H-chromen-4-one derivatives are found in natural compounds. To identify them authentic samples are required. However, if their NMR data are known, their identification can be carried out without authentic samples. We report here complete assignments of NMR data of seven derivatives.

Reference

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