

## **NMR study and biological activity test of six flavonoid glucosides**

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### **Abstract**

Flavonoids are often found in nature as O-glucosides, containing sugar moiety linked to a phenolic or alcoholic hydroxyl group of the flavonoid through hemiacetal linkage. They are capable of modulating the activity of enzymes and affect the behavior of many cell systems, suggesting that the compounds may possess significant antihepatotoxic, antiallergic, anti-inflammatory, anti-osteoporotic and even antitumor activities<sup>1</sup>. We carried out the structural study of six flavonoid glucosides based on the conventional NMR experiments and the biological activity test of the anticancer.

### **Reference**

1. Giulia Di Carlo, Nicola Mascolo, Angelo A. Izzo, and Francesco Capasso (1999) *Life Sci.* 65, 337-353.