

Complete assignments of NMR data of flavanone derivatives

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Abstract

Flavanone is one of flavonoid family, which is key intermediates in the flavonoid biosynthetic pathway. Naringenin and pinocembrin belong to flavanone. In our lab naringenin derivatives were synthesized and their anti-cancer activities were tested. NMR studies on flavanone derivatives may help us identify novel flavanone compound fast. Here we report complete assignments of ^1H and ^{13}C NMR data of eight flavanone derivatives.

Reference

1. Han J, Kim SY, Jung J, Lim Y, Ahn JH, Kim SI, Hur HG. Epoxide Formation on the Aromatic B Ring of Flavanone by Biphenyl Dioxygenase of *Pseudomonas pseudoalcaligenes* KF707. (2005) *Appl Environ Microbiol.* 71, 5354-61.