

Microbial Transformations of 6- and 7-Methoxyflavones in *Aspergillus niger* and *Penicillium chermesinum* Cultures

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A detailed study of the biotransformation of 6- and 7-methoxyflavones by four fungal strains (*Aspergillus niger* strains MB, KB, and SBP; *Penicillium chermesinum* 113) was carried out. Products of demethylation and also demethylation combined with hydroxylation at C-4' were identified. The biotransformation products were stronger antioxidants than the substrates.

Key words: Biotransformation, Flavones, *Aspergillus niger*