

## Microbial transformations of flavanone and 6-hydroxyflavanone by *Aspergillus niger* strains.

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Flavanone (**1**) and 6-hydroxyflavanone (**2**) were subjected to transformation by means of *Aspergillus niger* strains (one wild and three UV mutants). For both substrates the biotransformation resulted in reduction of the carbonyl group (products **5** and **7**) and dehydrogenation at C-2 and C-3 (**3** and **8**). Additionally, for flavanone (**1**) reduction of C-4 together with hydroxylation at C-7 (**6**) and dehydrogenation at C-2, C-3 along with hydroxylation at C-3 (**4**) were observed.

### Słowa kluczowe

Flavanone, 6-Hydroxyflavanone, Biotransformation, Reduction, Dehydrogenation, Hydroxylation, *Aspergillus niger*

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