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## [Effects of storage time on magnolol and honokiol contents in bark of *Magnolia officinalis*].

[Article in Chinese]

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### Abstract

**OBJECTIVE:** To reveal the relationship between the storage time of the bark of *Magnolia officinalis* and the content of phenols in it, and lay a theoretical foundation for the harvest, processing, management and storage.

**METHOD:** The contents of magnolol and honokoioil in 15 bark samples, collected from the main producing areas in China, were determined in the time of freshly harvest and 3 and 10 years after respectively by HPLC method.

**RESULT:** It showed that within a certain period of time, bark storage was favorable to conversion and accumulation of phenols, that the content of magnolol tended to increase from year 0 to year 3, then followed by slight decrease with years on account of volatilization of phenols, but was still higher when the bark was stored for 10 years than that that when the bark was freshly harvested, and the content of honokoioil still tended to increase when the bark had been stored for 10 years.

**CONCLUSION:** The phenols in bark of *M. officinalis* is quite stable and the bark can be stored for 10 years or longer.

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**Publication types, MeSH terms, Substances**

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