

# Activity of Armillarisin B *in vitro* against Plant Pathogenic Fungi

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The methanolic extract of the fruiting bodies of the mushroom *Armillariella tabescens* was found to show antifungal activity against *Gibberella zeae*. The active compound was isolated from the fruiting bodies of *A. tabescens* by bioassay-guided fractionation of the extract and identified as armillarisin B. Armillarisin B eventually corresponds to 2-hydroxy-2-phenylpropanediamide and its structure was confirmed on the basis of spectroscopic studies including 2D NMR experiments.

*Key words:* *Armillariella tabescens*, Armillarisin B, Antifungal Activity