

Melleolides from *Armillaria* species

The basidiomycete *Armillaria mellea* (honey mushroom) is a notorious forest- and tree pathogen. It produces melleolide natural products, i.e., a family of structurally related phytotoxic and antibiotically active sesquiterpene aryl esters. Current work is focused on their structure-activity relationship. In collaboration with HKI's department Molecular and Applied Microbiology, transcriptomics are used to elucidate how the melleolides impact secondary metabolism of the model fungus *Aspergillus nidulans*.

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