

# Melanocrocine, a Polyene Pigment from *Melanogaster broomeianus* (Basidiomycetes)

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A new polyene pigment, melanocrocine, has been isolated either from fruit bodies or mycelial cultures of the subterranean fungus *Melanogaster broomeianus*. The structure of the pigment was determined by spectroscopic methods and chemical transformations. Melanocrocine is the *N*-acyl derivative of L-phenylalanine methyl ester with a polyolefinic carboxylic acid.