

# The First Isolation of a Phlegmacin Type Pigment from the Ascomycete *Xylaria euglossa*

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A new pigment, phlegmacin A 8,8'-di-*O*-methyl ether (**1**), was isolated from fruiting bodies of *Xylaria euglossa* (Ascomycota) along with the known fungal pigments (*S*)-torosachrysone-8-*O*-methyl ether (**2**) and emodin-6,8-di-*O*-methyl ether (**3**). The structure of compound **1** was established on the basis of its spectroscopic data and the absolute configuration determined as *P* and 3'*S* by comparing the CD and <sup>1</sup>H NMR spectra of **1** with those of the phlegmacins **4** and **5**. Compound **1** represents the first phlegmacin type pigment isolated from the ascomycete.

*Key words:* *Xylaria euglossa*, Ascomycota, Dihydroanthracenone, Phlegmacin A 8,8'-Di-*O*-methyl ether