A Phenylethanoid Glycoside and Other Constituents from the Fruits of Forsythia koreana

Samy K. El-Desouky and Young-Kyoon Kim

College of Forest Science, Kookmin University, Seoul, 136-702, Korea

Reprint requests to Prof. Young-Kyoon Kim. E-mail: desoky5@hotmail.com


From the methanol extract of the fruits of Forsythia koreana two new compounds, one phenylethanoid glycoside and one pyrrolidine alkaloid, have been isolated together with six known compounds. The structures of the isolated compounds were elucidated on the basis of 1D and 2D NMR spectroscopic methods and comparison with literature data.

Key words: Forsythia koreana, Phenylethanoid, Pyrrolidine Alkaid